

Power-Type Semi-Selfie Numbers and Patterns

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Abstract

Author studied many ways of writing *selfie numbers* [8]. There are numbers very much near to *selfie-numbers*, but are not *selfie numbers*. These types of numbers, referred as *semi-selfie numbers*, where numbers are written in terms of expressions with positive and negative signs having same digits on both sides of the expressions, except the power values. This paper brings *semi-selfie numbers* with *power-type* representations. The idea is extended to some patterns also. The general study of *semi-selfie numbers* with patterns can be seen in author's work [11].

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1 Semi-Selfie Numbers

Before defining the idea of **Semi-Selfie Numbers**, let us consider following historical example (Madachy [3], p.167-170, and Heinz [1]):

$$\begin{aligned}81 &:= (8 + 1)^2 \\512 &:= (5 + 1 + 2)^3 \\4913 &:= (4 + 9 + 1 + 3)^3 \\17576 &:= (1 + 7 + 5 + 7 + 6)^3 \\234256 &:= (2 + 3 + 4 + 2 + 5 + 6)^4 \\1679616 &:= (1 + 6 + 7 + 9 + 6 + 1 + 6)^4 \\17210368 &:= (1 + 7 + 2 + 1 + 0 + 3 + 6 + 8)^5 \\205962976 &:= (2 + 0 + 5 + 9 + 6 + 2 + 9 + 7 + 6)^5 \\8303765625 &:= (8 + 3 + 0 + 3 + 7 + 6 + 5 + 6 + 2 + 5)^6 \\24794911296 &:= (2 + 4 + 7 + 9 + 4 + 9 + 1 + 1 + 2 + 9 + 6)^6 \\271818611107 &:= (2 + 7 + 1 + 8 + 1 + 8 + 6 + 1 + 1 + 1 + 0 + 7)^7 \\6722988818432 &:= (6 + 7 + 2 + 2 + 9 + 8 + 8 + 8 + 1 + 8 + 4 + 3 + 2)^7 \\72301961339136 &:= (7 + 2 + 3 + 0 + 1 + 9 + 6 + 1 + 3 + 3 + 9 + 1 + 3 + 6)^8 \\248155780267521 &:= (2 + 4 + 8 + 1 + 5 + 5 + 7 + 8 + 0 + 2 + 6 + 7 + 5 + 2 + 1)^8\end{aligned}\tag{1}$$

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The above representation (1) is in such a way that the both sides we have same digits except the power. Let us call it **Semi-Selfie Numbers**. This means that **semi-selfie** numbers are understood as numbers having the same digit's order on both side, except the power. The above numbers are separated by a single digit and are with positive signs, while the author [11] studied it for positive and negative signs, and not necessarily a single digit. See some examples, below:

• **Examples of Semi-Selfie Numbers**

$$\begin{aligned}
 20736 &:= (2 + 07 - 3 + 6)^4 \\
 21952 &:= (2 + 19 + 5 + 2)^3 \\
 494209 &:= (494 + 209)^2 \\
 998001 &:= (998 + 001)^2 \\
 3759161344 &:= (-37 - 5 + 9 + 1 + 61344)^2 \\
 3767287616 &:= (-3 + 76 + 728 + 761 - 6)^3
 \end{aligned}$$

Also, the idea is to extend for any number of digits, instead of single digit, for examples some numbers appearing in (1) can also be written as

$$\begin{aligned}
 512 &:= (5 + 1 + 2)^3 = (5 - 1 - 2)^9 \\
 234256 &:= (2 + 3 + 4 + 2 + 5 + 6)^4 = (-234 + 256)^4 \\
 1679616 &:= (1 + 6 + 7 + 9 + 6 + 1 + 6)^4 = (1 + 679 + 616)^2 \\
 17210368 &:= (1 + 7 + 2 + 1 + 0 + 3 + 6 + 8)^5 = (1 + 72 - 1 - 036 - 8)^5 \\
 205962976 &:= (2 + 0 + 5 + 9 + 6 + 2 + 9 + 7 + 6)^5 = (2 - 05 + 96 + 29 - 76)^5 \\
 8303765625 &:= (8 + 3 + 0 + 3 + 7 + 6 + 5 + 6 + 2 + 5)^6 = (83 + 037 + 6 - 56 - 25)^6 \\
 24794911296 &:= (2 + 4 + 7 + 9 + 4 + 9 + 1 + 1 + 2 + 9 + 6)^6 = (247 + 9 + 4 + 91 - 1 - 296)^6. \quad (2)
 \end{aligned}$$

The author worked with results are up to 11-digits numbers along with interesting patterns. It interesting to observe that the numbers 68719476736 of 11-digits is represented in 1054 different ways. In case of 10-digits numbers, the number 4294967296 is represented in 482 different ways. 12-digits numbers are still under study.

The aim of this work is to rewrite the above work in terms of increasing powers, i.e., starting from power 2 onwards, for example, 12th power semi-selfie numbers are as follows:

$$\begin{aligned}
 12^3 &:= 1728 &= (-1 + 7 - 2 + 8)^3 \\
 12^4 &:= 20736 &= (2 + 07 - 3 + 6)^4 \\
 12^7 &:= 35831808 &= (3 + 5 + 8 - 3 - 1 + 8 - 08)^7 \\
 12^8 &:= 429981696 &= (4 + 2 + 9 + 9 + 8 + 1 - 6 - 9 - 6)^8 \\
 12^9 &:= 5159780352 &= (51 - 5 - 9 - 7 - 8 - 03 - 5 - 2)^9 \\
 12^{10} &:= 61917364224 &= (6 + 19 + 1 + 7 - 3 - 6 - 4 - 2 - 2 - 4)^{10}
 \end{aligned}$$

The idea of patterns given in author's work [10] is extended to power-type representations.

2 Power-Type Semi-Selfie Expressions

This section brings the semi-selfie numbers studied by author [11] in terms of powers. We have considered only single possibility, but there are much more ways of writing.

$$\begin{aligned} 2^6 &:= 64 &&= (6 - 4)^6 \\ 2^9 &:= 512 &&= (5 - 1 - 2)^9 \\ 2^{11} &:= 2048 &&= (-2 - 04 + 8)^{11} \\ 2^{13} &:= 8192 &&= (8 + 1 - 9 + 2)^{13} \\ 2^{14} &:= 16384 &&= (1 - 6 + 3 + 8 - 4)^{14} \\ 2^{17} &:= 131072 &&= (1 - 3 - 1 + 07 - 2)^{17} \\ 2^{23} &:= 8388608 &&= (8 + 38 + 8 - 60 + 8)^{23} \\ 2^{26} &:= 67108864 &&= (6 + 7 - 1 + 08 - 8 - 6 - 4)^{26} \\ 2^{29} &:= 536870912 &&= (5 - 3 + 6 + 8 + 7 - 09 - 12)^{29} \\ 2^{30} &:= 1073741824 &&= (10 + 7 - 3 + 7 - 4 - 1 - 8 - 2 - 4)^{30} \\ 2^{31} &:= 2147483648 &&= (-2 + 14 + 7 - 4 + 8 - 3 - 6 - 4 - 8)^{31} \\ 2^{32} &:= 4294967296 &&= (4 + 2 + 9 - 4 + 9 + 6 - 7 - 2 - 9 - 6)^{32} \\ 2^{34} &:= 17179869184 &&= (17 + 1 - 7 + 9 - 8 - 6 + 9 - 1 - 8 - 4)^{34} \\ 2^{35} &:= 34359738368 &&= (34 + 3 - 5 - 9 + 7 - 3 - 8 - 3 - 6 - 8)^{35} \\ \\ 3^5 &:= 243 &&= (2 + 4 - 3)^5 \\ 3^9 &:= 19683 &&= (-1 + 9 + 6 - 8 - 3)^9 \\ 3^{11} &:= 177147 &&= (1 + 7 + 7 - 1 - 4 - 7)^{11} \\ 3^{13} &:= 1594323 &&= (1 + 5 + 9 - 4 - 3 - 2 - 3)^{13} \\ 3^{14} &:= 4782969 &&= (-4 + 7 + 8 - 2 + 9 - 6 - 9)^{14} \\ 3^{15} &:= 14348907 &&= (-14 + 3 + 4 + 8 + 9 - 07)^{15} \\ 3^{16} &:= 43046721 &&= (4 - 3 + 04 - 6 + 7 - 2 - 1)^{16} \\ 3^{17} &:= 129140163 &&= (-1 + 2 + 9 - 1 + 4 - 01 - 6 - 3)^{17} \\ 3^{18} &:= 387420489 &&= (3 + 8 + 7 + 4 + 2 - 04 - 8 - 9)^{18} \\ 3^{19} &:= 1162261467 &&= (11 + 6 - 2 - 2 + 6 + 1 - 4 - 6 - 7)^{19} \\ 3^{20} &:= 3486784401 &&= (3 - 4 + 8 + 6 + 7 - 8 - 4 - 4 - 01)^{20} \\ 3^{21} &:= 10460353203 &&= (-1 + 04 + 6 - 03 + 5 - 3 - 2 - 03)^{21} \\ 3^{22} &:= 31381059609 &&= (3 + 1 + 3 + 8 - 1 - 05 + 9 - 6 - 09)^{22} \\ 3^{23} &:= 94143178827 &&= (9 - 4 + 14 + 3 - 1 + 7 - 8 - 8 - 2 - 7)^{23} \end{aligned}$$

$$\begin{aligned}4^5 &:= 1024 &= (10 - 2 - 4)^5 \\4^9 &:= 262144 &= (2 - 6 - 2 + 14 - 4)^9 \\4^{10} &:= 1048576 &= (10 + 4 + 8 - 5 - 7 - 6)^{10} \\4^{11} &:= 4194304 &= (-4 + 19 - 4 - 3 - 04)^{11} \\4^{12} &:= 16777216 &= (16 + 7 - 7 - 7 + 2 - 1 - 6)^{12} \\4^{14} &:= 268435456 &= (2 - 6 - 8 - 4 + 35 - 4 - 5 - 6)^{14} \\4^{18} &:= 68719476736 &= (6 + 8 + 7 - 1 + 9 + 4 - 7 - 6 - 7 - 3 - 6)^{18}\end{aligned}$$

$$\begin{aligned}5^5 &:= 3125 &= (-3 + 1 + 2 + 5)^5 \\5^6 &:= 15625 &= (1 + 5 + 6 - 2 - 5)^6 \\5^7 &:= 78125 &= (-7 + 8 + 1 - 2 + 5)^7 \\5^8 &:= 390625 &= (-3 + 9 + 06 - 2 - 5)^8 \\5^9 &:= 1953125 &= (19 - 5 - 3 + 1 - 2 - 5)^9 \\5^{10} &:= 9765625 &= (-9 + 76 + 5 - 62 - 5)^{10} \\5^{11} &:= 48828125 &= (-4 + 8 + 8 + 2 + 8 - 12 - 5)^{11} \\5^{12} &:= 244140625 &= (2 - 4 - 4 + 14 - 06 - 2 + 5)^{12} \\5^{13} &:= 1220703125 &= (-1 + 2 + 2 + 07 + 03 - 1 - 2 - 5)^{13} \\5^{14} &:= 6103515625 &= (6 + 10 + 3 + 5 - 1 - 5 - 6 - 2 - 5)^{14} \\5^{15} &:= 30517578125 &= (30 - 5 + 1 + 7 - 5 - 7 - 8 - 1 - 2 - 5)^{15}\end{aligned}$$

$$\begin{aligned}6^4 &:= 1296 &= (1 + 2 + 9 - 6)^4 \\6^6 &:= 46656 &= (-4 + 66 - 56)^6 \\6^7 &:= 279936 &= (2 + 7 + 9 - 9 + 3 - 6)^7 \\6^8 &:= 1679616 &= (-1 + 6 - 7 + 9 + 6 - 1 - 6)^8 \\6^9 &:= 10077696 &= (1 + 007 + 7 + 6 - 9 - 6)^9 \\6^{11} &:= 362797056 &= (36 - 27 - 9 + 7 + 05 - 6)^{11} \\6^{12} &:= 2176782336 &= (-2 + 17 + 6 + 7 - 8 - 2 - 3 - 3 - 6)^{12} \\6^{13} &:= 13060694016 &= (-1 - 3 + 06 + 06 + 9 - 4 - 01 - 6)^{13} \\6^{14} &:= 78364164096 &= (7 + 8 + 3 + 6 - 4 - 1 + 6 - 4 - 09 - 6)^{14}\end{aligned}$$

$$\begin{aligned}7^4 &:= 2401 &= (2 + 4 + 01)^4 \\7^6 &:= 117649 &= (11 + 7 - 6 + 4 - 9)^6 \\7^7 &:= 823543 &= (8 - 2 + 3 + 5 - 4 - 3)^7 \\7^8 &:= 5764801 &= (5 - 7 + 6 - 4 + 8 - 01)^8 \\7^9 &:= 40353607 &= (40 - 35 + 3 + 6 - 07)^9 \\7^{10} &:= 282475249 &= (2 + 8 + 2 + 4 + 7 - 5 + 2 - 4 - 9)^{10} \\7^{11} &:= 1977326743 &= (-1 + 9 + 7 + 7 + 3 + 2 - 6 - 7 - 4 - 3)^{11} \\7^{12} &:= 13841287201 &= (1 - 3 + 8 + 4 + 1 - 2 + 8 - 7 - 2 - 01)^{12} \\7^{13} &:= 96889010407 &= (9 - 6 + 8 + 8 + 9 - 010 - 4 - 07)^{13}\end{aligned}$$

$$\begin{aligned}8^5 &:= 32768 &= (-3 + 2 + 7 - 6 + 8)^5 \\8^7 &:= 2097152 &= (-2 + 09 + 7 + 1 - 5 - 2)^7 \\8^9 &:= 134217728 &= (13 + 4 + 2 - 1 + 7 - 7 - 2 - 8)^9 \\8^{11} &:= 8589934592 &= (8 + 5 - 8 + 9 + 9 - 3 + 4 - 5 - 9 - 2)^{11}\end{aligned}$$

$$\begin{aligned}9^2 &:= 81 &= (8 + 1)^2 \\9^5 &:= 59049 &= (5 + 9 + 04 - 9)^5\end{aligned}$$

$$\begin{aligned}10^2 &:= 100 &= (10 + 0)^2 \\10^3 &:= 1000 &= (10 + 00)^3 \\10^4 &:= 10000 &= (10 + 000)^4 \\10^5 &:= 100000 &= (10 + 0000)^5 \\10^6 &:= 1000000 &= (10 + 00000)^6 \\10^7 &:= 10000000 &= (10 + 000000)^7 \\10^8 &:= 100000000 &= (10 + 0000000)^8 \\10^9 &:= 1000000000 &= (10 + 00000000)^9 \\10^{10} &:= 10000000000 &= (10 + 000000000)^{10}\end{aligned}$$

$$\begin{aligned}11^2 &:= 121 &= (12 - 1)^2 \\11^3 &:= 1331 &= (13 - 3 + 1)^3 \\11^4 &:= 14641 &= (14 - 6 + 4 - 1)^4 \\11^5 &:= 161051 &= (16 + 1 - 05 - 1)^5 \\11^6 &:= 1771561 &= (17 + 7 - 1 - 5 - 6 - 1)^6 \\11^7 &:= 19487171 &= (19 - 4 + 8 - 7 + 1 - 7 + 1)^7 \\11^8 &:= 214358881 &= (-2 + 14 + 3 + 5 + 8 - 8 - 8 - 1)^8 \\11^9 &:= 2357947691 &= (2 + 3 - 5 + 7 + 9 + 4 + 7 - 6 - 9 - 1)^9 \\11^{10} &:= 25937424601 &= (2 + 5 + 9 - 3 + 7 + 4 - 2 - 4 - 6 - 01)^{10}\end{aligned}$$

$$\begin{aligned}12^3 &:= 1728 &= (-1 + 7 - 2 + 8)^3 \\12^4 &:= 20736 &= (2 + 07 - 3 + 6)^4 \\12^7 &:= 35831808 &= (3 + 5 + 8 - 3 - 1 + 8 - 08)^7 \\12^8 &:= 429981696 &= (4 + 2 + 9 + 9 + 8 + 1 - 6 - 9 - 6)^8 \\12^9 &:= 5159780352 &= (51 - 5 - 9 - 7 - 8 - 03 - 5 - 2)^9 \\12^{10} &:= 61917364224 &= (6 + 19 + 1 + 7 - 3 - 6 - 4 - 2 - 2 - 4)^{10} \\13^3 &:= 2197 &= (-2 - 1 + 9 + 7)^3 \\13^5 &:= 371293 &= (3 + 7 - 1 - 2 + 9 - 3)^5 \\13^6 &:= 4826809 &= (-4 + 8 + 2 + 6 - 8 + 09)^6 \\13^7 &:= 62748517 &= (6 - 2 - 7 - 4 + 8 - 5 + 17)^7 \\13^8 &:= 815730721 &= (8 + 15 - 7 + 3 - 07 + 2 - 1)^8 \\13^9 &:= 10604499373 &= (10 + 6 - 04 - 4 + 9 + 9 - 3 - 7 - 3)^9 \\14^2 &:= 196 &= (-1 + 9 + 6)^2 \\14^4 &:= 38416 &= (-3 + 8 + 4 - 1 + 6)^4 \\14^5 &:= 537824 &= (53 - 7 - 8 - 24)^5 \\14^6 &:= 7529536 &= (7 + 5 - 29 - 5 + 36)^6 \\14^7 &:= 105413504 &= (10 + 5 + 4 + 1 + 3 - 5 - 04)^7 \\14^8 &:= 1475789056 &= (1 + 4 + 7 + 5 + 7 - 8 + 9 - 05 - 6)^8 \\14^9 &:= 20661046784 &= (-2 + 06 + 6 - 1 + 04 + 6 + 7 - 8 - 4)^9 \\15^6 &:= 11390625 &= (1 - 1 + 3 + 9 + 06 + 2 - 5)^6 \\15^7 &:= 170859375 &= (1 + 7 + 08 + 5 + 9 - 3 - 7 - 5)^7 \\15^8 &:= 2562890625 &= (2 + 5 + 6 - 2 + 8 + 9 - 06 - 2 - 5)^8 \\15^9 &:= 38443359375 &= (38 + 4 - 4 + 3 + 3 - 5 - 9 - 3 - 7 - 5)^9 \\17^3 &:= 4913 &= (4 + 9 + 1 + 3)^3 \\17^4 &:= 83521 &= (8 + 3 + 5 + 2 - 1)^4 \\17^5 &:= 1419857 &= (-1 + 4 - 1 + 9 + 8 + 5 - 7)^5 \\17^6 &:= 24137569 &= (2 + 4 - 1 + 3 + 7 + 5 + 6 - 9)^6 \\17^7 &:= 410338673 &= (4 + 1 + 03 + 3 + 8 - 6 + 7 - 3)^7 \\17^8 &:= 6975757441 &= (6 + 9 + 7 - 5 + 7 - 5 + 7 - 4 - 4 - 1)^8 \\18^3 &:= 5832 &= (5 + 8 + 3 + 2)^3 \\18^4 &:= 104976 &= (10 + 4 - 9 + 7 + 6)^4 \\18^5 &:= 1889568 &= (-18 + 8 + 9 + 5 + 6 + 8)^5 \\18^6 &:= 34012224 &= (3 + 4 + 01 + 2 + 2 + 2 + 4)^6 \\18^7 &:= 612220032 &= (6 + 1 + 2 + 2 + 2 + 003 + 2)^7 \\18^8 &:= 11019960576 &= (11 + 01 + 9 + 9 + 6 - 05 - 7 - 6)^8\end{aligned}$$

$$\begin{aligned}19^4 &:= 130321 &= (13 + 03 + 2 + 1)^4 \\19^5 &:= 2476099 &= (2 + 4 + 7 + 6 + 09 - 9)^5 \\19^6 &:= 47045881 &= (4 + 7 + 04 + 5 + 8 - 8 - 1)^6 \\19^7 &:= 893871739 &= (8 + 9 + 3 - 8 + 7 - 1 + 7 + 3 - 9)^7 \\19^8 &:= 16983563041 &= (16 + 9 - 8 + 3 - 5 + 6 + 3 - 04 - 1)^8\end{aligned}$$

$$20^7 := 1280000000 = (12 + 8 + 0000000)^7$$

$$\begin{aligned}21^5 &:= 4084101 &= (4 - 084 + 101)^5 \\21^6 &:= 85766121 &= (8 - 5 + 7 + 6 - 6 + 12 - 1)^6 \\21^7 &:= 1801088541 &= (18 + 01 + 08 - 8 + 5 - 4 + 1)^7 \\21^8 &:= 37822859361 &= (37 - 8 - 2 - 2 - 8 + 5 + 9 - 3 - 6 - 1)^8\end{aligned}$$

$$\begin{aligned}22^4 &:= 234256 &= (2 + 3 + 4 + 2 + 5 + 6)^4 \\22^5 &:= 5153632 &= (5 + 15 - 3 + 6 - 3 + 2)^5 \\22^6 &:= 113379904 &= (11 + 3 - 3 + 7 + 9 - 9 + 04)^6 \\22^7 &:= 2494357888 &= (-2 + 4 + 9 + 4 + 3 + 5 + 7 + 8 - 8 - 8)^7 \\22^8 &:= 54875873536 &= (54 - 8 + 7 - 5 - 8 - 7 + 3 - 5 - 3 - 6)^8\end{aligned}$$

$$\begin{aligned}23^3 &:= 12167 &= (1 + 21 - 6 + 7)^3 \\23^4 &:= 279841 &= (2 + 7 + 9 + 8 - 4 + 1)^4 \\23^5 &:= 6436343 &= (6 + 4 + 3 + 6 + 3 + 4 - 3)^5 \\23^6 &:= 148035889 &= (14 + 8 + 03 + 5 - 8 - 8 + 9)^6 \\23^7 &:= 3404825447 &= (3 + 4 + 04 + 8 - 2 + 5 + 4 + 4 - 7)^7 \\23^8 &:= 78310985281 &= (7 + 8 + 31 - 09 - 8 + 5 - 2 - 8 - 1)^8\end{aligned}$$

$$\begin{aligned}24^4 &:= 331776 &= (33 - 1 - 7 - 7 + 6)^4 \\24^5 &:= 7962624 &= (7 + 9 + 6 + 2 + 6 - 2 - 4)^5 \\24^6 &:= 191102976 &= (1 + 9 + 1 + 1 + 02 + 9 + 7 - 6)^6 \\24^7 &:= 4586471424 &= (4 - 5 + 8 + 6 - 4 + 7 + 14 - 2 - 4)^7\end{aligned}$$

$$\begin{aligned}26^3 &:= 17576 &= (1 + 7 + 5 + 7 + 6)^3 \\26^5 &:= 11881376 &= (11 + 8 + 8 + 1 - 3 + 7 - 6)^5 \\26^6 &:= 308915776 &= (-3 + 08 + 9 - 1 + 5 + 7 + 7 - 6)^6 \\26^7 &:= 8031810176 &= (-8 + 031 - 8 - 1 - 01 + 7 + 6)^7\end{aligned}$$

$$27^4 := 531441 = (5 + 31 - 4 - 4 - 1)^4$$

$$\begin{aligned} 28^3 &:= 21952 &= (2 + 19 + 5 + 2)^3 \\ 28^4 &:= 614656 &= (6 + 1 + 4 + 6 + 5 + 6)^4 \\ 28^5 &:= 17210368 &= (1 + 7 + 2 + 1 + 03 + 6 + 8)^5 \\ 28^6 &:= 481890304 &= (4 + 8 + 18 - 9 + 03 + 04)^6 \\ 28^7 &:= 13492928512 &= (-1 + 3 + 4 + 9 + 2 + 9 + 2 + 8 - 5 - 1 - 2)^7 \\ \\ 30^4 &:= 707281 &= (7 - 07 + 28 + 1)^4 \\ 30^5 &:= 20511149 &= (20 + 5 + 1 - 1 - 1 - 4 + 9)^5 \\ 30^6 &:= 594823321 &= (5 + 9 + 4 + 8 + 2 + 3 - 3 + 2 - 1)^6 \\ 30^7 &:= 17249876309 &= (17 + 2 + 4 + 9 + 8 + 7 - 6 - 3 - 09)^7 \\ \\ 31^4 &:= 923521 &= (-9 + 2 + 35 + 2 + 1)^4 \\ 31^5 &:= 28629151 &= (2 + 8 - 6 + 2 + 9 + 15 + 1)^5 \\ 31^6 &:= 887503681 &= (8 - 8 - 7 + 50 + 3 - 6 - 8 - 1)^6 \\ 31^7 &:= 27512614111 &= (2 + 7 + 5 + 1 + 2 + 6 + 1 + 4 + 1 + 1 + 1)^7 \\ \\ 32^5 &:= 33554432 &= (33 - 5 - 5 + 4 + 4 + 3 - 2)^5 \\ \\ 33^4 &:= 1185921 &= (1 - 1 + 8 - 5 + 9 + 21)^4 \\ 33^5 &:= 39135393 &= (39 + 1 + 3 + 5 - 3 - 9 - 3)^5 \\ 33^6 &:= 1291467969 &= (12 + 9 + 1 + 4 + 6 + 7 + 9 - 6 - 9)^6 \\ 33^7 &:= 42618442977 &= (4 - 2 + 6 + 18 + 4 - 4 - 2 + 9 + 7 - 7)^7 \\ \\ 34^4 &:= 1336336 &= (13 + 3 + 6 + 3 + 3 + 6)^4 \\ 34^5 &:= 45435424 &= (4 + 5 - 4 + 35 - 4 + 2 - 4)^5 \\ 34^6 &:= 1544804416 &= (15 + 4 + 4 + 8 + 04 + 4 + 1 - 6)^6 \\ 34^7 &:= 52523350144 &= (5 + 2 + 5 + 2 + 3 + 3 + 5 + 01 + 4 + 4)^7 \\ \\ 35^4 &:= 1500625 &= (-1 + 5 + 006 + 25)^4 \\ 35^5 &:= 52521875 &= (5 + 2 + 5 + 2 + 1 + 8 + 7 + 5)^5 \\ 35^6 &:= 1838265625 &= (18 - 3 + 8 + 2 + 6 + 5 + 6 - 2 - 5)^6 \\ 35^7 &:= 64339296875 &= (6 + 4 + 33 + 9 + 2 - 9 - 6 + 8 - 7 - 5)^7 \\ \\ 36^5 &:= 60466176 &= (6 + 04 + 6 + 6 + 1 + 7 + 6)^5 \\ \\ 37^4 &:= 1874161 &= (18 + 7 + 4 + 1 + 6 + 1)^4 \\ 37^5 &:= 69343957 &= (-6 + 9 + 34 + 3 + 9 - 5 - 7)^5 \\ 37^6 &:= 2565726409 &= (2 + 56 - 5 - 7 - 2 + 6 - 4 - 09)^6 \\ 37^7 &:= 94931877133 &= (9 + 4 + 9 - 3 + 1 + 8 + 7 + 7 + 1 - 3 - 3)^7 \end{aligned}$$

$$\begin{aligned} 38^3 &:= 54872 &= (-5 + 48 - 7 + 2)^3 \\ 38^4 &:= 2085136 &= (-2 - 08 + 51 + 3 - 6)^4 \\ 38^5 &:= 79235168 &= (7 + 9 + 2 + 35 - 1 - 6 - 8)^5 \\ 38^6 &:= 3010936384 &= (30 - 1 + 09 + 3 + 6 + 3 - 8 - 4)^6 \\ \\ 39^4 &:= 2313441 &= (-2 + 31 + 3 + 4 + 4 - 1)^4 \\ 39^6 &:= 3518743761 &= (3 + 5 + 1 + 8 + 7 + 4 - 3 + 7 + 6 + 1)^6 \\ \\ 41^4 &:= 2825761 &= (2 - 8 - 2 - 5 - 7 + 61)^4 \\ 41^5 &:= 115856201 &= (-1 - 1 - 5 - 8 - 5 + 62 - 01)^5 \\ 41^6 &:= 4750104241 &= (-4 + 7 + 50 - 1 - 04 - 2 - 4 - 1)^6 \\ \\ 42^4 &:= 3111696 &= (31 + 1 + 1 + 6 + 9 - 6)^4 \\ 42^5 &:= 130691232 &= (1 + 30 + 6 + 9 - 1 + 2 - 3 - 2)^5 \\ 42^6 &:= 5489031744 &= (54 - 8 + 9 + 03 - 1 - 7 - 4 - 4)^6 \\ \\ 43^4 &:= 3418801 &= (3 + 41 + 8 - 8 - 01)^4 \\ 43^5 &:= 147008443 &= (-1 + 47 + 008 - 4 - 4 - 3)^5 \\ 43^6 &:= 6321363049 &= (63 - 2 + 1 + 3 - 6 - 3 - 04 - 9)^6 \\ \\ 44^2 &:= 1936 &= (-1 + 9 + 36)^2 \\ 44^4 &:= 3748096 &= (37 - 4 + 8 + 09 - 6)^4 \\ 44^5 &:= 164916224 &= (16 + 4 + 9 + 1 + 6 + 2 + 2 + 4)^5 \\ 44^6 &:= 7256313856 &= (7 + 2 + 5 + 6 + 3 - 1 + 3 + 8 + 5 + 6)^6 \\ \\ 45^2 &:= 2025 &= (20 + 25)^2 \\ 45^3 &:= 91125 &= (9 + 11 + 25)^3 \\ 45^4 &:= 4100625 &= (4 + 10 + 06 + 25)^4 \\ 45^5 &:= 184528125 &= (18 + 4 + 5 + 2 + 8 + 1 + 2 + 5)^5 \\ 45^6 &:= 8303765625 &= (8 + 3 + 03 + 7 + 6 + 5 + 6 + 2 + 5)^6 \\ \\ 46^3 &:= 97336 &= (9 + 73 - 36)^3 \\ 46^4 &:= 4477456 &= (4 + 4 - 7 - 7 - 4 + 56)^4 \\ 46^5 &:= 205962976 &= (2 + 05 + 9 + 6 + 2 + 9 + 7 + 6)^5 \\ 46^6 &:= 9474296896 &= (9 + 4 + 7 + 4 + 2 + 9 + 6 + 8 - 9 + 6)^6 \end{aligned}$$

$$\begin{aligned}47^3 &:= 103823 &= (10 + 38 + 2 - 3)^3 \\47^4 &:= 4879681 &= (48 - 7 + 9 + 6 - 8 - 1)^4 \\47^5 &:= 229345007 &= (-2 - 2 + 9 + 3 - 4 + 50 - 07)^5 \\47^6 &:= 10779215329 &= (10 + 7 + 7 + 9 - 2 + 1 + 5 + 3 - 2 + 9)^6\end{aligned}$$

$$\begin{aligned}48^3 &:= 110592 &= (1 - 10 + 59 - 2)^3 \\48^4 &:= 5308416 &= (53 - 08 - 4 + 1 + 6)^4 \\48^5 &:= 254803968 &= (-2 + 54 - 8 - 03 + 9 + 6 - 8)^5 \\48^6 &:= 12230590464 &= (1 + 22 - 3 + 05 + 9 + 04 + 6 + 4)^6\end{aligned}$$

$$\begin{aligned}50^5 &:= 312500000 &= (3 - 1 - 2 + 50 + 0000)^5 \\50^6 &:= 15625000000 &= (1 + 56 - 2 - 5 + 000000)^6\end{aligned}$$

$$\begin{aligned}51^3 &:= 132651 &= (1 + 3 + 2 - 6 + 51)^3 \\51^4 &:= 6765201 &= (-6 - 7 + 65 - 2 + 01)^4 \\51^5 &:= 345025251 &= (3 + 45 + 02 + 5 + 2 - 5 - 1)^5 \\51^6 &:= 17596287801 &= (17 - 5 + 9 + 6 + 2 + 8 + 7 + 8 - 01)^6\end{aligned}$$

$$\begin{aligned}52^4 &:= 7311616 &= (7 + 31 + 1 + 6 + 1 + 6)^4 \\52^5 &:= 380204032 &= (3 + 8 + 02 + 040 - 3 + 2)^5 \\52^6 &:= 19770609664 &= (19 + 7 + 7 + 06 + 09 + 6 - 6 + 4)^6\end{aligned}$$

$$\begin{aligned}53^3 &:= 148877 &= (-1 + 48 - 8 + 7 + 7)^3 \\53^4 &:= 7890481 &= (7 + 8 - 9 + 048 - 1)^4 \\53^5 &:= 418195493 &= (4 + 18 + 1 + 9 + 5 + 4 + 9 + 3)^5 \\53^6 &:= 22164361129 &= (22 + 1 + 6 + 4 + 3 + 6 + 1 - 1 + 2 + 9)^6\end{aligned}$$

$$\begin{aligned}54^3 &:= 157464 &= (-1 + 57 - 4 + 6 - 4)^3 \\54^4 &:= 8503056 &= (8 + 50 - 3 + 05 - 6)^4 \\54^5 &:= 459165024 &= (45 + 9 + 1 + 6 - 5 + 02 - 4)^5 \\54^6 &:= 24794911296 &= (2 + 4 + 7 + 9 + 4 + 9 + 1 + 1 + 2 + 9 + 6)^6\end{aligned}$$

$$\begin{aligned}55^2 &:= 3025 &= (30 + 25)^2 \\55^3 &:= 166375 &= (1 + 6 + 6 + 37 + 5)^3 \\55^4 &:= 9150625 &= (9 - 1 + 50 - 6 - 2 + 5)^4 \\55^5 &:= 503284375 &= (5 + 03 + 28 + 4 + 3 + 7 + 5)^5 \\55^6 &:= 27680640625 &= (-2 + 76 - 8 + 06 - 4 - 06 - 2 - 5)^6\end{aligned}$$

$$\begin{aligned}56^3 &:= 175616 &= (-1 + 7 - 5 + 61 - 6)^3 \\56^4 &:= 9834496 &= (98 - 3 + 4 - 49 + 6)^4 \\56^5 &:= 550731776 &= (55 + 07 + 3 - 1 - 7 - 7 + 6)^5 \\56^6 &:= 30840979456 &= (30 + 8 + 4 + 09 - 7 + 9 + 4 + 5 - 6)^6\end{aligned}$$

$$\begin{aligned}57^3 &:= 185193 &= (18 + 51 - 9 - 3)^3 \\57^5 &:= 601692057 &= (6 - 01 + 6 - 9 - 2 + 057)^5 \\57^6 &:= 34296447249 &= (34 - 2 + 9 + 6 + 4 - 4 + 7 - 2 - 4 + 9)^6\end{aligned}$$

$$\begin{aligned}58^2 &:= 3364 &= (-3 - 3 + 64)^2 \\58^3 &:= 195112 &= (1 + 9 + 51 - 1 - 2)^3 \\58^4 &:= 11316496 &= (1 + 1 + 31 + 6 + 4 + 9 + 6)^4 \\58^5 &:= 656356768 &= (65 + 6 - 3 + 5 + 6 - 7 - 6 - 8)^5 \\58^6 &:= 38068692544 &= (38 + 06 + 8 - 6 + 9 - 2 + 5 + 4 - 4)^6\end{aligned}$$

$$\begin{aligned}59^4 &:= 12117361 &= (-12 + 1 - 1 + 7 + 3 + 61)^4 \\59^5 &:= 714924299 &= (7 - 1 + 49 + 2 + 4 - 2 + 9 - 9)^5 \\59^6 &:= 42180533641 &= (42 + 1 + 8 + 05 + 3 + 3 - 6 + 4 - 1)^6\end{aligned}$$

$$60^6 := 46656000000 = (4 + 6 - 6 + 56 + 000000)^6$$

$$\begin{aligned}61^4 &:= 13845841 &= (1 + 38 + 4 + 5 + 8 + 4 + 1)^4 \\61^5 &:= 844596301 &= (8 - 4 - 4 + 59 + 6 - 3 - 01)^5 \\61^6 &:= 51520374361 &= (5 + 1 + 5 - 2 - 03 + 7 + 43 + 6 - 1)^6\end{aligned}$$

$$\begin{aligned}62^3 &:= 238328 &= (23 + 8 + 3 + 28)^3 \\62^4 &:= 14776336 &= (-1 + 4 + 77 - 6 - 3 - 3 - 6)^4 \\62^5 &:= 916132832 &= (9 + 1 + 6 + 1 + 32 + 8 + 3 + 2)^5 \\62^6 &:= 56800235584 &= (5 + 68 - 002 + 3 + 5 - 5 - 8 - 4)^6\end{aligned}$$

$$\begin{aligned}63^2 &:= 3969 &= (3 - 9 + 69)^2 \\63^3 &:= 250047 &= (2 + 50 + 04 + 7)^3 \\63^4 &:= 15752961 &= (1 + 57 + 5 - 2 + 9 - 6 - 1)^4 \\63^5 &:= 992436543 &= (9 + 9 + 24 + 3 + 6 + 5 + 4 + 3)^5 \\63^6 &:= 62523502209 &= (6 + 2 + 52 + 3 + 5 + 02 + 2 - 09)^6\end{aligned}$$

$$\begin{aligned}65^4 &:= 17850625 = (1 + 78 - 5 - 06 + 2 - 5)^4 \\65^5 &:= 1160290625 = (11 + 60 - 2 + 9 - 06 - 2 - 5)^5 \\65^6 &:= 75418890625 = (7 + 5 + 41 + 8 + 8 + 9 - 06 - 2 - 5)^6\end{aligned}$$

$$\begin{aligned}66^3 &:= 287496 = (-2 + 87 - 4 - 9 - 6)^3 \\66^4 &:= 18974736 = (1 - 8 + 9 + 74 - 7 + 3 - 6)^4 \\66^5 &:= 1252332576 = (12 + 52 - 3 - 3 + 2 + 5 + 7 - 6)^5 \\66^6 &:= 82653950016 = (8 + 2 + 6 + 53 + 9 - 5 - 001 - 6)^6\end{aligned}$$

$$\begin{aligned}67^3 &:= 300763 = (-3 + 007 + 63)^3 \\67^4 &:= 20151121 = (2 + 01 + 51 + 12 + 1)^4 \\67^5 &:= 1350125107 = (13 + 50 + 1 + 2 - 5 - 1 + 07)^5 \\67^6 &:= 90458382169 = (9 + 045 + 8 + 3 + 8 - 2 - 1 + 6 - 9)^6\end{aligned}$$

$$\begin{aligned}68^3 &:= 314432 = (31 - 4 + 43 - 2)^3 \\68^4 &:= 21381376 = (2 - 1 + 3 - 8 - 1 - 3 + 76)^4 \\68^5 &:= 1453933568 = (-1 + 4 + 53 + 9 + 3 - 3 + 5 + 6 - 8)^5 \\68^6 &:= 98867482624 = (-9 + 88 + 6 - 7 - 4 + 8 - 2 - 6 - 2 - 4)^6\end{aligned}$$

$$\begin{aligned}69^4 &:= 22667121 = (2 - 2 + 66 + 7 - 1 - 2 - 1)^4 \\69^5 &:= 1564031349 = (-1 + 56 + 4 + 03 - 1 + 3 - 4 + 9)^5\end{aligned}$$

$$\begin{aligned}71^3 &:= 357911 = (3 + 57 + 9 + 1 + 1)^3 \\71^4 &:= 25411681 = (2 + 54 + 1 + 1 + 6 + 8 - 1)^4 \\71^5 &:= 1804229351 = (1 + 80 + 4 + 2 + 2 - 9 - 3 - 5 - 1)^5\end{aligned}$$

$$\begin{aligned}72^3 &:= 373248 = (-3 + 73 - 2 - 4 + 8)^3 \\72^4 &:= 26873856 = (-2 + 6 - 8 + 73 - 8 + 5 + 6)^4 \\72^5 &:= 1934917632 = (1 + 93 + 4 - 9 + 1 - 7 - 6 - 3 - 2)^5\end{aligned}$$

$$\begin{aligned}73^3 &:= 389017 = (-3 - 8 + 90 + 1 - 7)^3 \\73^4 &:= 28398241 = (-2 + 83 - 9 + 8 - 2 - 4 - 1)^4 \\73^5 &:= 2073071593 = (2 + 073 + 07 - 15 + 9 - 3)^5\end{aligned}$$

$$\begin{aligned}74^4 &:= 29986576 = (2 - 9 - 9 + 86 + 5 - 7 + 6)^4 \\74^5 &:= 2219006624 = (2 + 2 + 1 + 9 + 0066 - 2 - 4)^5\end{aligned}$$

$$\begin{aligned}75^3 &:= 421875 &= (-4 - 2 - 1 + 87 - 5)^3 \\75^4 &:= 31640625 &= (3 - 1 + 64 + 06 - 2 + 5)^4 \\75^5 &:= 2373046875 &= (2 + 3 + 7 - 3 + 046 + 8 + 7 + 5)^5 \\ \\76^2 &:= 5776 &= (5 + 77 - 6)^2 \\76^3 &:= 438976 &= (-4 - 3 - 8 + 97 - 6)^3 \\76^4 &:= 33362176 &= (3 + 3 + 3 - 6 - 2 - 1 + 76)^4 \\76^5 &:= 2535525376 &= (2 + 53 + 5 + 5 + 2 + 5 + 3 + 7 - 6)^5 \\ \\77^3 &:= 456533 &= (45 - 6 + 5 + 33)^3 \\77^4 &:= 35153041 &= (35 - 1 + 5 - 3 + 041)^4 \\77^5 &:= 2706784157 &= (2 + 7 + 067 + 8 + 4 + 1 - 5 - 7)^5 \\ \\78^2 &:= 6084 &= (-6 + 084)^2 \\78^3 &:= 474552 &= (-4 + 74 + 5 + 5 - 2)^3 \\78^4 &:= 37015056 &= (3 + 70 + 1 + 5 + 05 - 6)^4 \\78^5 &:= 2887174368 &= (-2 + 88 + 7 - 1 + 7 - 4 - 3 - 6 - 8)^5 \\ \\79^4 &:= 38950081 &= (3 + 8 + 9 + 50 + 08 + 1)^4 \\79^5 &:= 3077056399 &= (-3 + 07 + 7 + 05 + 63 + 9 - 9)^5 \\ \\80^5 &:= 3276800000 &= (3 + 2 + 7 + 68 + 00000)^5 \\ \\82^2 &:= 6724 &= (6 + 72 + 4)^2 \\82^3 &:= 551368 &= (5 + 5 + 1 + 3 + 68)^3 \\82^4 &:= 45212176 &= (45 + 21 + 2 + 1 + 7 + 6)^4 \\82^5 &:= 3707398432 &= (-3 + 7 - 07 - 3 + 9 + 84 - 3 - 2)^5 \\ \\83^3 &:= 571787 &= (-5 + 7 + 1 - 7 + 87)^3 \\83^4 &:= 47458321 &= (-4 + 74 + 5 + 8 + 3 - 2 - 1)^4 \\83^5 &:= 3939040643 &= (3 + 9 - 3 + 9 + 04 + 064 - 3)^5 \\ \\84^3 &:= 592704 &= (-5 + 92 - 7 + 04)^3 \\84^4 &:= 49787136 &= (-4 + 97 + 8 - 7 - 1 - 3 - 6)^4 \\84^5 &:= 4182119424 &= (4 + 1 + 82 - 1 - 1 + 9 - 4 - 2 - 4)^5 \\ \\85^4 &:= 52200625 &= (52 + 20 + 06 + 2 + 5)^4 \\85^5 &:= 4437053125 &= (4 + 4 + 3 + 70 + 5 + 3 - 1 + 2 - 5)^5\end{aligned}$$

$$\begin{aligned}86^2 &:= 7396 &= (-7 - 3 + 96)^2 \\86^3 &:= 636056 &= (-6 + 36 + 056)^3 \\86^4 &:= 54700816 &= (5 - 4 + 70 + 08 + 1 + 6)^4 \\86^5 &:= 4704270176 &= (4 + 70 - 4 - 2 + 7 + 017 - 6)^5 \\ \\87^3 &:= 658503 &= (-6 + 5 + 85 + 03)^3 \\87^4 &:= 57289761 &= (-5 + 7 - 2 + 89 - 7 + 6 - 1)^4 \\87^5 &:= 4984209207 &= (-4 + 9 + 84 - 2 + 09 - 2 - 07)^5 \\ \\88^3 &:= 681472 &= (6 + 81 - 4 + 7 - 2)^3 \\88^4 &:= 59969536 &= (5 + 9 + 9 + 69 + 5 - 3 - 6)^4 \\88^5 &:= 5277319168 &= (52 + 7 + 7 - 3 + 1 + 9 + 1 + 6 + 8)^5 \\ \\89^3 &:= 704969 &= (7 + 04 + 9 + 69)^3 \\89^4 &:= 62742241 &= (6 + 2 + 74 + 2 + 2 + 4 - 1)^4 \\89^5 &:= 5584059449 &= (5 + 5 + 84 - 05 + 9 + 4 - 4 - 9)^5 \\ \\90^5 &:= 5904900000 &= (5 + 90 + 4 - 9 + 00000)^5 \\ \\91^2 &:= 8281 &= (82 + 8 + 1)^2 \\91^3 &:= 753571 &= (75 + 3 + 5 + 7 + 1)^3 \\91^4 &:= 68574961 &= (6 + 8 + 57 + 4 + 9 + 6 + 1)^4 \\91^5 &:= 6240321451 &= (62 - 4 + 032 + 1 - 4 + 5 - 1)^5 \\ \\92^4 &:= 71639296 &= (7 - 1 + 6 + 3 + 92 - 9 - 6)^4 \\92^5 &:= 6590815232 &= (6 + 5 + 90 - 8 + 1 + 5 - 2 - 3 - 2)^5 \\ \\93^3 &:= 804357 &= (80 + 4 - 3 + 5 + 7)^3 \\93^4 &:= 74805201 &= (7 + 4 + 80 + 5 - 2 - 01)^4 \\93^5 &:= 6956883693 &= (69 + 5 + 6 + 8 + 8 + 3 + 6 - 9 - 3)^5 \\ \\94^3 &:= 830584 &= (8 - 3 + 05 + 84)^3 \\94^4 &:= 78074896 &= (78 + 07 + 4 + 8 - 9 + 6)^4 \\94^5 &:= 7339040224 &= (73 + 39 + 04 + 02 - 24)^5 \\ \\95^4 &:= 81450625 &= (81 - 4 + 5 + 06 + 2 + 5)^4 \\95^5 &:= 7737809375 &= (77 + 3 + 7 + 8 + 09 + 3 - 7 - 5)^5\end{aligned}$$

$$\begin{aligned}96^3 &:= 884736 &= (88 + 4 + 7 + 3 - 6)^3 \\96^4 &:= 84934656 &= (8 + 4 + 93 - 4 + 6 - 5 - 6)^4 \\96^5 &:= 8153726976 &= (81 + 5 + 3 + 7 - 2 + 6 + 9 - 7 - 6)^5\end{aligned}$$

$$\begin{aligned}97^3 &:= 912673 &= (91 + 2 - 6 + 7 + 3)^3 \\97^4 &:= 88529281 &= (88 + 5 + 2 + 9 + 2 - 8 - 1)^4 \\97^5 &:= 8587340257 &= (85 + 8 + 7 + 3 + 4 + 02 - 5 - 7)^5\end{aligned}$$

$$\begin{aligned}98^3 &:= 941192 &= (94 + 11 - 9 + 2)^3 \\98^4 &:= 92236816 &= (92 + 2 - 3 + 6 + 8 - 1 - 6)^4 \\98^5 &:= 9039207968 &= (90 - 3 + 9 + 2 - 07 + 9 + 6 - 8)^5\end{aligned}$$

$$\begin{aligned}99^2 &:= 9801 &= (98 + 01)^2 \\99^3 &:= 970299 &= (97 + 02 + 9 - 9)^3 \\99^4 &:= 96059601 &= (96 + 05 - 9 + 6 + 01)^4 \\99^5 &:= 9509900499 &= (95 + 09 + 9 + 004 - 9 - 9)^5\end{aligned}$$

$$\begin{aligned}101^2 &:= 10201 &= (102 - 01)^2 \\101^3 &:= 1030301 &= (103 - 03 + 01)^3 \\101^4 &:= 104060401 &= (104 - 06 + 04 - 01)^4 \\101^5 &:= 10510100501 &= (105 + 1 + 01 - 005 - 01)^5\end{aligned}$$

$$\begin{aligned}102^3 &:= 1061208 &= (106 - 12 + 08)^3 \\102^4 &:= 108243216 &= (108 + 2 + 4 - 3 - 2 - 1 - 6)^4 \\102^5 &:= 11040808032 &= (11 + 04 + 080 + 8 - 03 + 2)^5\end{aligned}$$

$$\begin{aligned}103^3 &:= 1092727 &= (-1 + 092 + 7 - 2 + 7)^3 \\103^4 &:= 112550881 &= (1 + 1 + 2 + 5 + 5 + 088 + 1)^4 \\103^5 &:= 11592740743 &= (115 + 9 - 2 - 7 - 4 - 07 - 4 + 3)^5\end{aligned}$$

$$\begin{aligned}104^3 &:= 1124864 &= (-1 - 1 + 24 + 86 - 4)^3 \\104^4 &:= 116985856 &= (-1 - 1 + 6 + 98 + 5 + 8 - 5 - 6)^4 \\104^5 &:= 12166529024 &= (12 - 1 + 6 + 6 - 5 + 2 + 90 - 2 - 4)^5\end{aligned}$$

$$\begin{aligned}105^3 &:= 1157625 &= (115 - 7 - 6 - 2 + 5)^3 \\105^4 &:= 121550625 &= (1 + 2 - 15 + 50 + 62 + 5)^4 \\105^5 &:= 12762815625 &= (-1 + 2 + 7 + 6 + 2 + 81 + 5 + 6 + 2 - 5)^5\end{aligned}$$

$$\begin{aligned}106^3 &:= 1191016 = (1 + 1 + 9 + 101 - 6)^3 \\106^4 &:= 126247696 = (1 + 2 + 6 + 2 + 4 + 76 + 9 + 6)^4 \\106^5 &:= 13382255776 = (-1 + 3 + 3 + 8 + 2 - 2 + 5 + 5 + 77 + 6)^5\end{aligned}$$

$$\begin{aligned}107^3 &:= 1225043 = (12 + 2 + 50 + 43)^3 \\107^4 &:= 131079601 = (1 + 3 + 1 + 07 + 96 - 01)^4 \\107^5 &:= 14025517307 = (14 + 02 + 5 + 5 + 1 + 73 + 07)^5\end{aligned}$$

$$\begin{aligned}108^3 &:= 1259712 = (1 + 2 + 5 + 97 + 1 + 2)^3 \\108^4 &:= 136048896 = (-1 + 3 + 6 + 04 + 8 - 8 + 96)^4 \\108^5 &:= 14693280768 = (1 + 4 + 69 + 3 + 2 + 8 + 07 + 6 + 8)^5\end{aligned}$$

$$\begin{aligned}109^2 &:= 11881 = (118 - 8 - 1)^2 \\109^3 &:= 1295029 = (1 + 2 + 95 + 02 + 9)^3 \\109^4 &:= 141158161 = (14 + 1 + 1 + 5 + 81 + 6 + 1)^4 \\109^5 &:= 15386239549 = (1 + 5 + 3 + 86 + 2 + 3 + 9 + 5 + 4 - 9)^5\end{aligned}$$

$$\begin{aligned}110^3 &:= 1331000 = (13 - 3 + 100 + 0)^3 \\110^5 &:= 16105100000 = (161 - 051 + 00000)^5\end{aligned}$$

$$\begin{aligned}111^3 &:= 1367631 = (1 + 36 + 76 - 3 + 1)^3 \\111^4 &:= 151807041 = (1 + 51 - 8 + 070 - 4 + 1)^4 \\111^5 &:= 16850581551 = (-1 + 6 + 85 + 05 + 8 - 1 + 5 + 5 - 1)^5\end{aligned}$$

$$\begin{aligned}112^4 &:= 157351936 = (15 + 73 + 5 + 1 + 9 + 3 + 6)^4 \\112^5 &:= 17623416832 = (17 + 6 + 2 - 3 + 4 - 1 + 6 + 83 - 2)^5\end{aligned}$$

$$\begin{aligned}113^3 &:= 1442897 = (14 - 4 - 2 + 8 + 97)^3 \\113^5 &:= 163047361 = (1 + 63 + 047 - 3 + 6 - 1)^4 \\113^4 &:= 18424351793 = (1 + 84 + 2 + 4 + 3 + 5 + 1 + 7 + 9 - 3)^5\end{aligned}$$

$$\begin{aligned}114^2 &:= 12996 = (129 - 9 - 6)^2 \\114^4 &:= 168896016 = (1 + 6 + 8 + 8 + 96 + 01 - 6)^4 \\114^5 &:= 19254145824 = (1 + 92 + 5 + 4 + 1 + 4 + 5 + 8 - 2 - 4)^5\end{aligned}$$

$$115^4 := 174900625 = (1 + 7 + 4 + 90 + 06 + 2 + 5)^4$$

$$115^5 := 20113571875 = (20 + 1 + 1 - 3 + 5 + 71 + 8 + 7 + 5)^5$$

$$116^3 := 1560896 = (1 + 5 + 6 + 08 + 96)^3$$

$$116^4 := 181063936 = (1 + 8 - 1 + 06 + 3 + 93 + 6)^4$$

$$116^5 := 21003416576 = (21 + 003 + 4 + 1 + 6 + 5 + 76)^5$$

$$117^4 := 187388721 = (1 + 87 + 3 + 8 + 8 + 7 + 2 + 1)^4$$

$$117^5 := 21924480357 = (2 + 1 + 9 + 2 + 4 + 4 + 80 + 3 + 5 + 7)^5$$

$$118^4 := 193877776 = (-1 + 93 - 8 + 7 + 7 + 7 + 7 + 6)^4$$

$$118^5 := 22877577568 = (-2 - 2 + 87 + 7 + 5 + 7 + 7 - 5 + 6 + 8)^5$$

$$119^4 := 200533921 = (-2 - 005 + 33 + 92 + 1)^4$$

$$119^5 := 23863536599 = (2 + 3 + 86 + 3 + 5 + 3 - 6 + 5 + 9 + 9)^5$$

$$122^4 := 221533456 = (22 - 1 + 53 - 3 + 45 + 6)^4$$

$$122^5 := 27027081632 = (27 + 02 + 7 + 081 + 6 - 3 + 2)^5$$

$$123^2 := 15129 = (-1 - 5 + 129)^2$$

$$123^4 := 228886641 = (22 + 88 + 8 + 6 - 6 + 4 + 1)^4$$

$$123^5 := 28153056843 = (28 + 1 + 5 - 3 + 05 + 6 + 84 - 3)^5$$

$$124^4 := 236421376 = (2 + 36 + 4 + 2 + 1 + 3 + 76)^4$$

$$124^5 := 29316250624 = (2 + 93 - 1 - 6 - 2 + 50 - 6 - 2 - 4)^5$$

$$126^4 := 252047376 = (-2 + 52 + 04 + 73 - 7 + 6)^4$$

$$126^5 := 31757969376 = (3 + 1 + 75 + 7 + 9 + 6 + 9 + 3 + 7 + 6)^5$$

$$127^4 := 260144641 = (-2 - 6 + 0144 - 6 - 4 + 1)^4$$

$$127^5 := 33038369407 = (3 + 3 + 03 + 8 + 3 + 6 + 94 + 07)^5$$

$$129^4 := 276922881 = (27 + 6 + 9 + 2 - 2 + 88 - 1)^4$$

$$129^5 := 35723051649 = (35 + 72 - 3 + 05 + 1 + 6 + 4 + 9)^5$$

$$130^5 := 37129300000 = (-3 + 7 + 129 - 3 + 0000 + 0)^5$$

$$\begin{aligned}131^2 &:= 17161 &= (-1 + 71 + 61)^2 \\131^4 &:= 294499921 &= (2 + 94 - 49 - 9 + 92 + 1)^4 \\131^5 &:= 38579489651 &= (-3 + 85 + 7 + 9 + 4 + 8 + 9 + 6 + 5 + 1)^5\end{aligned}$$

$$\begin{aligned}132^3 &:= 2299968 &= (22 + 99 + 9 - 6 + 8)^3 \\132^4 &:= 303595776 &= (30 + 35 + 9 + 57 + 7 - 6)^4 \\132^5 &:= 40074642432 &= (40 + 07 + 46 + 42 - 4 + 3 - 2)^5\end{aligned}$$

$$\begin{aligned}133^4 &:= 312900721 &= (31 + 2 + 90 + 07 + 2 + 1)^4 \\133^5 &:= 41615795893 &= (4 + 1 + 6 + 1 + 5 + 7 + 95 + 8 + 9 - 3)^5\end{aligned}$$

$$\begin{aligned}134^2 &:= 17956 &= (-1 + 79 + 56)^2 \\134^3 &:= 2406104 &= (24 + 06 + 104)^3 \\134^4 &:= 322417936 &= (3 + 22 + 4 - 1 + 7 + 93 + 6)^4 \\134^5 &:= 43204003424 &= (43 + 2 + 040 + 03 + 42 + 4)^5\end{aligned}$$

$$\begin{aligned}135^4 &:= 332150625 &= (3 - 3 - 2 + 150 - 6 - 2 - 5)^4 \\135^5 &:= 44840334375 &= (44 + 84 + 03 + 3 - 4 + 3 + 7 - 5)^5\end{aligned}$$

$$\begin{aligned}136^3 &:= 2515456 &= (-2 - 5 + 154 - 5 - 6)^3 \\136^4 &:= 342102016 &= (-3 + 42 + 102 + 01 - 6)^4 \\136^6 &:= 46525874176 &= (46 + 52 + 5 + 8 + 7 + 4 + 1 + 7 + 6)^5\end{aligned}$$

$$\begin{aligned}137^4 &:= 352275361 &= (3 + 5 - 2 - 2 + 75 - 3 + 61)^4 \\137^5 &:= 48261724457 &= (48 + 2 + 6 - 1 + 72 + 4 + 4 - 5 + 7)^5\end{aligned}$$

$$\begin{aligned}138^4 &:= 362673936 &= (-3 + 62 + 6 + 73 + 9 - 3 - 6)^4 \\138^5 &:= 50049003168 &= (50 + 04 + 90 - 03 - 1 + 6 - 8)^5\end{aligned}$$

$$139^5 := 51888844699 = (5 + 1 + 8 + 8 + 8 + 8 + 4 + 4 - 6 + 99)^5$$

$$140^4 := 384160000 = (-3 + 84 - 1 + 60 + 000)^4$$

$$\begin{aligned}141^4 &:= 395254161 &= (3 + 95 + 2 - 5 + 41 + 6 - 1)^4 \\141^5 &:= 55730836701 &= (55 + 73 + 08 + 3 - 6 + 7 + 01)^5\end{aligned}$$

$$\begin{aligned}142^3 &:= 2863288 = (28 - 6 + 32 + 88)^3 \\142^4 &:= 406586896 = (40 + 65 + 8 + 6 + 8 + 9 + 6)^4 \\142^5 &:= 57735339232 = (57 + 73 - 5 + 33 - 9 - 2 - 3 - 2)^5\end{aligned}$$

$$\begin{aligned}143^3 &:= 2924207 = (2 + 92 + 42 + 07)^3 \\143^4 &:= 418161601 = (-4 + 1 - 8 + 161 - 6 - 01)^4 \\143^5 &:= 59797108943 = (5 + 97 + 9 + 7 + 1 + 08 + 9 + 4 + 3)^5\end{aligned}$$

$$144^3 := 2985984 = (29 + 8 + 5 + 98 + 4)^3$$

$$\begin{aligned}145^3 &:= 3048625 = (30 + 48 + 62 + 5)^3 \\145^4 &:= 442050625 = (-4 + 42 + 050 + 62 - 5)^4 \\145^5 &:= 64097340625 = (64 + 097 - 3 - 4 - 06 + 2 - 5)^5\end{aligned}$$

$$\begin{aligned}146^3 &:= 3112136 = (-3 + 112 + 1 + 36)^3 \\146^4 &:= 454371856 = (4 + 54 + 3 + 7 - 1 + 85 - 6)^4 \\146^5 &:= 66338290976 = (66 + 3 + 3 + 8 - 2 + 90 - 9 - 7 - 6)^5\end{aligned}$$

$$\begin{aligned}147^4 &:= 466948881 = (-4 + 66 + 94 + 8 - 8 - 8 - 1)^4 \\147^5 &:= 68641485507 = (6 + 86 + 4 - 1 - 4 + 8 + 55 - 07)^5\end{aligned}$$

$$\begin{aligned}148^4 &:= 479785216 = (47 + 97 + 8 + 5 - 2 - 1 - 6)^4 \\148^5 &:= 71008211968 = (71 + 0082 + 1 - 1 + 9 - 6 - 8)^5\end{aligned}$$

$$\begin{aligned}149^4 &:= 492884401 = (-4 + 92 + 8 + 8 + 44 + 01)^4 \\149^5 &:= 73439775749 = (73 + 4 - 3 + 97 - 7 + 5 - 7 - 4 - 9)^5\end{aligned}$$

$$150^5 := 75937500000 = (-7 - 593 + 750 + 0000)^5$$

$$\begin{aligned}151^4 &:= 519885601 = (51 + 98 - 8 + 5 + 6 - 01)^4 \\151^5 &:= 78502725751 = (78 + 50 + 2 + 7 - 2 + 5 + 7 + 5 - 1)^5\end{aligned}$$

$$\begin{aligned}152^3 &:= 3511808 = (-35 - 1 + 180 + 8)^3 \\152^4 &:= 533794816 = (53 + 3 + 79 + 4 + 8 - 1 + 6)^4 \\152^5 &:= 81136812032 = (8 + 1 + 1 + 3 + 6 + 8 + 120 + 3 + 2)^5\end{aligned}$$

$$\begin{aligned}153^3 &:= 3581577 = (3 + 5 + 81 + 57 + 7)^3 \\153^4 &:= 547981281 = (54 + 79 + 8 + 1 + 2 + 8 + 1)^4 \\153^5 &:= 83841135993 = (83 + 8 + 4 + 1 + 1 + 35 + 9 + 9 + 3)^5 \\ \\154^3 &:= 3652264 = (36 + 52 + 2 + 64)^3 \\154^4 &:= 562448656 = (5 + 62 + 4 - 4 + 86 - 5 + 6)^4 \\154^5 &:= 86617093024 = (86 + 61 + 7 + 09 - 3 - 02 - 4)^5 \\ \\155^3 &:= 3723875 = (3 + 72 - 3 + 8 + 75)^3 \\155^4 &:= 577200625 = (-57 - 7 + 200 - 6 + 25)^4 \\155^5 &:= 89466096875 = (89 - 4 + 6 - 6 + 09 - 6 - 8 + 75)^5 \\ \\156^3 &:= 3796416 = (-3 + 79 + 64 + 16)^3 \\156^4 &:= 592240896 = (-59 - 2 + 240 - 8 - 9 - 6)^4 \\156^5 &:= 92389579776 = (92 + 38 + 9 - 5 + 7 + 9 + 7 - 7 + 6)^5 \\ \\157^4 &:= 607573201 = (6 + 075 + 73 + 2 + 01)^4 \\157^5 &:= 95388992557 = (95 - 3 + 88 - 9 - 9 + 2 + 5 - 5 - 7)^5 \\ \\158^4 &:= 623201296 = (62 + 3 - 2 + 01 - 2 + 96)^4 \\158^5 &:= 98465804768 = (98 + 46 + 5 + 8 - 04 + 7 + 6 - 8)^5 \\ \\159^4 &:= 639128961 = (63 + 9 + 1 + 2 + 89 - 6 + 1)^4 \\ \\161^3 &:= 4173281 = (4 + 1 + 73 + 2 + 81)^3 \\161^4 &:= 671898241 = (67 - 1 - 8 + 98 + 2 + 4 - 1)^4 \\ \\162^4 &:= 688747536 = (68 + 87 + 4 + 7 + 5 - 3 - 6)^4 \\ \\163^4 &:= 705911761 = (70 + 5 + 91 - 1 - 7 + 6 - 1)^4 \\ \\164^4 &:= 723394816 = (72 + 3 - 3 + 9 - 4 + 81 + 6)^4 \\ \\165^4 &:= 741200625 = (7 - 41 + 200 + 6 - 2 - 5)^4 \\ \\166^4 &:= 759333136 = (75 + 93 + 3 + 3 + 1 - 3 - 6)^4 \\ \\167^4 &:= 777796321 = (77 + 77 + 9 + 6 - 3 + 2 - 1)^4\end{aligned}$$

$$168^3 := 4741632 = (4 + 7 - 4 + 163 - 2)^3$$

$$168^4 := 796594176 = (79 + 6 - 5 + 9 + 4 - 1 + 76)^4$$

$$172^4 := 875213056 = (87 + 5 + 21 + 3 + 056)^4$$

$$173^3 := 5177717 = (-5 + 177 + 7 + 1 - 7)^3$$

$$173^4 := 895745041 = (89 + 5 - 7 + 45 + 041)^4$$

$$174^4 := 916636176 = (91 + 66 - 3 + 6 + 1 + 7 + 6)^4$$

$$175^3 := 5359375 = (5 - 3 + 5 + 93 + 75)^3$$

$$175^4 := 937890625 = (93 + 78 - 9 + 06 + 2 + 5)^4$$

$$176^3 := 5451776 = (54 + 51 + 77 - 6)^3$$

$$177^3 := 5545233 = (-55 + 4 - 5 + 233)^3$$

$$177^4 := 981506241 = (9 + 81 + 50 - 6 + 2 + 41)^4$$

$$178^4 := 1003875856 = (1 + 003 + 8 + 75 + 85 + 6)^4$$

$$179^4 := 1026625681 = (102 + 6 + 6 + 2 + 56 + 8 - 1)^4$$

$$180^4 := 1049760000 = (104 + 9 + 7 + 60 + 000)^4$$

$$181^3 := 5929741 = (-5 + 92 + 97 - 4 + 1)^3$$

$$181^4 := 1073283121 = (107 - 3 - 2 + 83 - 1 - 2 - 1)^4$$

$$182^4 := 1097199376 = (1 + 097 + 1 + 99 - 3 - 7 - 6)^4$$

$$183^4 := 1121513121 = (1 + 1 + 2 + 151 + 31 - 2 - 1)^4$$

$$184^4 := 1146228736 = (114 + 62 + 2 + 8 + 7 - 3 - 6)^4$$

$$185^4 := 1171350625 = (-1 + 171 - 3 + 5 + 06 + 2 + 5)^4$$

$$186^4 := 1196883216 = (1 + 1 + 96 + 88 + 3 + 2 + 1 - 6)^4$$

$$187^4 := 1222830961 = (1 + 2 + 2 + 2 + 83 + 096 + 1)^4$$

$$\begin{aligned}188^3 &:= 6644672 = (66 + 44 + 6 + 72)^3 \\188^4 &:= 1249198336 = (-1 + 2 + 4 + 91 + 98 + 3 - 3 - 6)^4 \\189^3 &:= 6751269 = (67 + 51 + 2 + 69)^3 \\189^4 &:= 1275989841 = (1 + 2 + 75 + 9 + 89 + 8 + 4 + 1)^4 \\191^4 &:= 1330863361 = (133 + 086 - 33 + 6 - 1)^4 \\192^4 &:= 1358954496 = (-1 - 3 + 5 + 8 + 95 - 4 - 4 + 96)^4 \\193^4 &:= 1387488001 = (13 + 87 + 4 + 88 + 001)^4 \\194^4 &:= 1416468496 = (1 + 4 + 164 + 6 + 8 - 4 + 9 + 6)^4 \\195^4 &:= 1445900625 = (-1 + 44 + 5 + 90 + 062 - 5)^4 \\197^3 &:= 7645373 = (76 + 45 + 3 + 73)^3 \\197^4 &:= 1506138481 = (150 + 61 - 3 - 8 + 4 - 8 + 1)^4 \\198^2 &:= 39204 = (3 - 9 + 204)^2 \\198^3 &:= 7762392 = (77 + 6 + 23 + 92)^3 \\198^4 &:= 1536953616 = (153 - 6 + 9 + 53 - 6 + 1 - 6)^4 \\199^3 &:= 7880599 = (7 + 88 + 05 + 99)^3 \\199^4 &:= 1568239201 = (1 + 5 - 6 + 8 + 2 - 3 - 9 + 201)^4 \\201^4 &:= 1632240801 = (-16 - 32 + 240 + 8 + 01)^4 \\202^3 &:= 8242408 = (8 + 242 - 40 - 8)^3 \\202^4 &:= 1664966416 = (166 + 4 + 9 + 6 + 6 + 4 + 1 + 6)^4 \\203^4 &:= 1698181681 = (-1 - 6 + 98 + 181 - 68 - 1)^4 \\204^4 &:= 1731891456 = (1 + 7 + 3 + 189 + 1 + 4 + 5 - 6)^4 \\205^3 &:= 8615125 = (86 - 1 - 5 + 125)^3 \\205^4 &:= 1766100625 = (176 + 6 + 10 + 06 + 2 + 5)^4\end{aligned}$$

$$\begin{aligned}206^3 &:= 8741816 = (8 + 7 + 4 + 181 + 6)^3 \\206^4 &:= 1800814096 = (180 + 08 - 1 + 4 + 09 + 6)^4 \\207^3 &:= 8869743 = (88 + 69 + 7 + 43)^3 \\207^4 &:= 1836036801 = (183 + 6 + 03 + 6 + 8 + 01)^4 \\208^3 &:= 8998912 = (8 + 99 + 8 + 91 + 2)^3 \\208^4 &:= 1871773696 = (187 + 1 + 7 + 7 - 3 + 6 + 9 - 6)^4 \\209^3 &:= 9129329 = (-91 + 293 - 2 + 9)^3 \\209^4 &:= 1908029761 = (190 + 8 + 02 + 9 + 7 - 6 - 1)^4 \\211^3 &:= 74671645931 = (7 + 4671 - 6 - 459 - 3 + 1)^3 \\211^4 &:= 1982119441 = (1 + 9 + 8 + 211 - 9 - 4 - 4 - 1)^4 \\212^4 &:= 2019963136 = (201 + 9 + 9 + 6 - 3 - 1 - 3 - 6)^4 \\213^4 &:= 2058346161 = (205 - 8 + 3 + 4 - 6 + 16 - 1)^4 \\214^4 &:= 2097273616 = (209 + 7 - 2 + 7 + 3 + 6 - 16)^4 \\215^2 &:= 46225 = (-4 - 6 + 225)^2 \\215^3 &:= 9938375 = (99 + 38 + 3 + 75)^3 \\215^4 &:= 2136750625 = (213 - 6 + 75 - 062 - 5)^4 \\217^4 &:= 2217373921 = (221 + 7 - 3 + 7 - 3 - 9 - 2 - 1)^4 \\218^4 &:= 2258530576 = (2 + 2 - 5 - 85 + 305 - 7 + 6)^4 \\219^4 &:= 2300257521 = (2 + 300 - 2 - 5 - 75 - 2 + 1)^4 \\220^4 &:= 2342560000 = (-2 - 34 + 256 + 0000)^4 \\221^3 &:= 10793861 = (1079 + 3 - 861)^3 \\221^4 &:= 2385443281 = (238 + 5 - 4 - 4 - 3 - 2 - 8 - 1)^4 \\222^4 &:= 2428912656 = (242 + 8 - 9 - 12 - 6 + 5 - 6)^4 \\223^4 &:= 2472973441 = (247 - 2 - 9 - 7 + 3 - 4 - 4 - 1)^4\end{aligned}$$

$$224^3 := 11239424 = (1 + 123 + 94 + 2 + 4)^3$$

$$224^4 := 2517630976 = (251 + 7 + 6 - 30 - 9 - 7 + 6)^4$$

$$226^3 := 11543176 = (115 + 4 + 31 + 76)^3$$

$$226^4 := 2608757776 = (260 + 8 + 7 - 57 + 7 + 7 - 6)^4$$

$$227^3 := 11697083 = (-1 + 169 + 70 - 8 - 3)^3$$

$$227^4 := 2655237841 = (265 + 5 - 23 - 7 - 8 - 4 - 1)^4$$

$$228^3 := 11852352 = (-1 - 1 - 8 + 5 + 235 - 2)^3$$

$$228^4 := 2702336256 = (270 - 2 - 33 + 6 - 2 - 5 - 6)^4$$

$$229^4 := 2750058481 = (275 - 005 + 8 - 48 - 1)^4$$

$$230^4 := 2798410000 = (279 - 8 - 41 + 0000)^4$$

$$231^3 := 12326391 = (1 - 23 + 263 - 9 - 1)^3$$

$$231^4 := 2847396321 = (284 + 7 - 3 + 9 - 63 - 2 - 1)^4$$

$$232^3 := 12487168 = (1 + 248 + 7 - 16 - 8)^3$$

$$232^4 := 2897022976 = (-2 + 8 - 9 + 7 + 0229 - 7 + 6)^4$$

$$233^3 := 12649337 = (126 + 4 + 93 + 3 + 7)^3$$

$$233^4 := 2947295521 = (2 + 94 + 72 + 9 + 55 + 2 - 1)^4$$

$$234^3 := 12812904 = (128 + 12 + 90 + 4)^3$$

$$234^4 := 2998219536 = (2 + 9 + 9 + 8 + 2 + 195 + 3 + 6)^4$$

$$235^2 := 55225 = (5 + 5 + 225)^2$$

$$235^3 := 12977875 = (129 + 7 + 7 + 87 + 5)^3$$

$$236^3 := 13144256 = (-13 + 1 - 4 - 4 + 256)^3$$

$$236^4 := 3102044416 = (31 + 0204 + 4 + 4 - 1 - 6)^4$$

$$237^3 := 13312053 = (1 + 33 + 1 + 205 - 3)^3$$

$$237^4 := 3154956561 = (315 - 4 - 9 - 5 - 65 + 6 - 1)^4$$

$$\begin{aligned}238^3 &:= 13481272 = (13 - 48 + 1 + 272)^3 \\238^4 &:= 3208542736 = (3 + 208 + 5 + 4 + 2 + 7 + 3 + 6)^4 \\239^4 &:= 3262808641 = (326 - 2 - 80 - 8 + 6 - 4 + 1)^4 \\241^4 &:= 3373402561 = (3 - 3 - 7 - 3 - 4 + 0256 - 1)^4 \\242^3 &:= 14172488 = (141 + 7 + 2 + 4 + 88)^3 \\242^4 &:= 3429742096 = (342 - 97 - 4 - 2 + 09 - 6)^4 \\244^3 &:= 14526784 = (145 + 2 + 6 + 7 + 84)^3 \\244^4 &:= 3544535296 = (3 - 54 - 4 + 5 + 3 - 5 + 296)^4 \\245^4 &:= 3603000625 = (-36 + 0300 + 06 - 25)^4 \\246^3 &:= 14886936 = (148 + 86 + 9 - 3 + 6)^3 \\246^4 &:= 3662186256 = (-3 + 6 + 6 + 218 + 6 + 2 + 5 + 6)^4 \\247^3 &:= 15069223 = (150 + 6 + 92 + 2 - 3)^3 \\247^4 &:= 3722098081 = (37 + 220 - 9 + 8 - 08 - 1)^4 \\248^3 &:= 15252992 = (-1 - 5 + 252 + 9 - 9 + 2)^3 \\248^4 &:= 3782742016 = (-37 + 8 + 274 - 2 - 01 + 6)^4 \\249^3 &:= 15438249 = (15 - 4 - 3 - 8 + 249)^3 \\249^4 &:= 3844124001 = (3 + 8 + 4 - 4 - 1 + 240 - 01)^4 \\250^3 &:= 15625000 = (1 + 5 - 6 + 250 + 00)^3 \\250^4 &:= 3906250000 = (-3 + 9 - 06 + 250 + 000)^4 \\251^3 &:= 15813251 = (1 - 5 + 8 - 1 - 3 + 251)^3 \\251^4 &:= 3969126001 = (-3 + 9 - 6 - 9 + 1 + 260 - 01)^4 \\252^4 &:= 4032758016 = (4 - 03 + 275 - 8 - 016)^4 \\253^3 &:= 16194277 = (161 + 94 - 2 + 7 - 7)^3 \\253^4 &:= 4097152081 = (40 + 9 - 7 - 1 + 5 + 208 - 1)^4 \\254^4 &:= 4162314256 = (4 + 16 + 231 + 4 - 2 - 5 + 6)^4\end{aligned}$$

$$\begin{aligned}255^3 &:= 16581375 = (165 + 81 - 3 + 7 + 5)^3 \\255^4 &:= 4228250625 = (4 - 2 - 2 + 8 + 250 - 6 - 2 + 5)^4 \\257^4 &:= 4362470401 = (4 - 3 + 6 + 247 + 04 - 01)^4 \\258^4 &:= 4430766096 = (4 + 4 + 307 + 6 - 60 - 9 + 6)^4 \\259^3 &:= 17373979 = (-1 - 7 + 373 - 97 - 9)^3 \\259^4 &:= 4499860561 = (4 + 4 + 99 + 86 + 05 + 61)^4 \\261^3 &:= 17779581 = (177 + 7 - 9 + 5 + 81)^3 \\261^4 &:= 4640470641 = (-4 - 6 + 404 - 70 - 64 + 1)^4 \\262^3 &:= 17984728 = (179 + 84 - 7 - 2 + 8)^3 \\262^4 &:= 4711998736 = (-4 + 71 + 199 - 8 + 7 + 3 - 6)^4 \\263^3 &:= 18191447 = (-1 + 8 - 191 + 447)^3 \\263^4 &:= 4784350561 = (4 - 7 - 84 + 350 - 5 + 6 - 1)^4 \\264^4 &:= 4857532416 = (-48 + 5 - 7 - 5 + 324 + 1 - 6)^4 \\265^4 &:= 4931550625 = (4 + 93 + 155 + 06 + 2 + 5)^4 \\267^4 &:= 5082121521 = (50 + 8 + 212 + 1 - 5 + 2 - 1)^4 \\268^4 &:= 5158686976 = (5 + 158 + 6 + 8 + 6 + 9 + 76)^4 \\269^3 &:= 19465109 = (194 + 65 + 1 + 09)^3 \\269^4 &:= 5236114321 = (-5 + 236 - 1 - 1 + 43 - 2 - 1)^4 \\271^3 &:= 19902511 = (1 + 9 + 9 + 0251 + 1)^3 \\271^4 &:= 5393580481 = (5 + 3 + 93 + 5 + 80 + 4 + 81)^4 \\272^3 &:= 20123648 = (201 + 2 - 3 + 64 + 8)^3 \\272^4 &:= 5473632256 = (-5 + 4 + 7 + 3 + 6 + 3 - 2 + 256)^4 \\273^4 &:= 5554571841 = (55 - 5 + 45 - 7 + 184 + 1)^4\end{aligned}$$

$$\begin{aligned}274^3 &:= 20570824 = (20 - 570 + 824)^3 \\274^4 &:= 5636405776 = (-5 - 63 + 6 + 405 + 7 - 76)^4 \\ \\275^3 &:= 20796875 = (207 - 9 - 6 + 8 + 75)^3 \\275^4 &:= 5719140625 = (57 + 191 + 40 - 6 - 2 - 5)^4 \\ \\276^4 &:= 5802782976 = (580 - 2 - 7 + 8 - 297 - 6)^4 \\ \\277^3 &:= 21253933 = (21 + 253 + 9 - 3 - 3)^3 \\277^4 &:= 5887339441 = (58 + 87 + 33 + 94 + 4 + 1)^4 \\ \\278^3 &:= 21484952 = (214 + 8 + 49 + 5 + 2)^3 \\278^4 &:= 5972816656 = (59 + 72 - 8 + 166 - 5 - 6)^4 \\ \\279^3 &:= 21717639 = (217 + 17 + 6 + 39)^3 \\279^4 &:= 6059221281 = (60 + 5 + 9 + 2 + 212 - 8 - 1)^4 \\ \\281^4 &:= 6234839521 = (-6 + 234 + 8 + 39 + 5 + 2 - 1)^4 \\ \\282^3 &:= 22425768 = (224 + 2 - 5 - 7 + 68)^3 \\282^4 &:= 6324066576 = (6 + 324 - 066 + 5 + 7 + 6)^4 \\ \\283^3 &:= 22665187 = (-2 + 266 + 5 - 1 + 8 + 7)^3 \\283^4 &:= 6414247921 = (6 + 4 + 14 + 247 + 9 + 2 + 1)^4 \\ \\285^3 &:= 23149125 = (-231 + 491 + 25)^3 \\285^4 &:= 6597500625 = (-65 + 975 - 00625)^4 \\ \\286^3 &:= 23393656 = (233 - 9 + 3 + 65 - 6)^3 \\286^4 &:= 6690585616 = (66 + 90 + 58 + 5 + 61 + 6)^4 \\ \\287^2 &:= 82369 = (-82 + 369)^2 \\287^3 &:= 23639903 = (236 + 39 + 9 + 03)^3 \\287^4 &:= 6784652161 = (67 + 8 - 4 + 6 - 5 + 216 - 1)^4 \\ \\288^4 &:= 6879707136 = (-687 + 970 + 7 + 1 + 3 - 6)^4 \\ \\292^4 &:= 7269949696 = (72 + 6 + 99 + 4 + 96 + 9 + 6)^4\end{aligned}$$

$$293^3 := 25153757 = (251 - 5 - 3 - 7 + 57)^3$$

$$293^4 := 7370050801 = (7 + 370 - 05 - 080 + 1)^4$$

$$294^4 := 7471182096 = (74 + 7 + 1 + 1 + 8 + 209 - 6)^4$$

$$295^4 := 7573350625 = (-7 + 5 - 7 + 335 - 06 - 25)^4$$

$$296^3 := 25934336 = (259 + 3 + 43 - 3 - 6)^3$$

$$296^4 := 7676563456 = (7 - 67 + 6 + 5 + 6 + 345 - 6)^4$$

$$297^2 := 88209 = (88 + 209)^2$$

$$297^3 := 26198073 = (26 + 198 + 073)^3$$

$$298^4 := 7780827681 = (7 + 7 + 8 + 08 + 276 - 8 - 1)^4$$

$$298^3 := 26463592 = (264 + 6 + 35 - 9 + 2)^3$$

$$298^4 := 7886150416 = (788 + 6 + 1 - 504 + 1 + 6)^4$$

$$299^4 := 7992538801 = (-7 - 9 - 9 + 253 - 8 + 80 - 1)^4$$

$$301^4 := 8208541201 = (82 + 08 + 5 + 4 + 1 + 201)^4$$

$$302^4 := 8318169616 = (-8 + 318 - 16 + 9 + 6 - 1 - 6)^4$$

$$303^4 := 8428892481 = (-84 - 2 + 8 - 8 - 92 + 481)^4$$

$$304^4 := 8540717056 = (-85 + 407 - 17 + 05 - 6)^4$$

$$305^3 := 28372625 = (283 + 7 + 2 + 6 + 2 + 5)^3$$

$$305^4 := 8653650625 = (8 - 65 + 365 - 06 - 2 + 5)^4$$

$$306^3 := 28652616 = (286 + 5 + 2 + 6 + 1 + 6)^3$$

$$307^3 := 28934443 = (289 + 3 + 4 + 4 + 4 + 3)^3$$

$$308^3 := 29218112 = (292 + 18 + 1 - 1 - 2)^3$$

$$308^4 := 8999178496 = (89 + 99 - 1 + 78 + 49 - 6)^4$$

$$309^3 := 29503629 = (295 - 03 + 6 + 2 + 9)^3$$

$$309^4 := 9116621361 = (9 + 1 + 1 - 66 + 2 + 1 + 361)^4$$

$$310^4 := 9235210000 = (92 + 3 + 5 + 210 + 000)^4$$

$$311^4 := 9354951841 = (9 + 354 - 9 + 5 + 1 - 8 - 41)^4$$

$$312^3 := 30371328 = (303 + 7 - 1 - 3 - 2 + 8)^3$$

$$312^4 := 9475854336 = (9 - 4 - 7 - 5 - 8 - 5 - 4 + 336)^4$$

$$313^4 := 9597924961 = (9 + 5 - 9 + 7 - 9 + 249 + 61)^4$$

$$314^3 := 30959144 = (309 + 5 + 9 - 1 - 4 - 4)^3$$

$$314^4 := 9721171216 = (97 + 211 - 7 - 1 - 2 + 16)^4$$

$$316^3 := 31554496 = (315 - 54 + 49 + 6)^3$$

$$316^4 := 9971220736 = (99 + 7 + 12 + 207 - 3 - 6)^4$$

$$318^3 := 32157432 = (321 + 5 - 7 + 4 - 3 - 2)^3$$

$$318^4 := 10226063376 = (-1 + 02 - 2 - 6 - 06 + 337 - 6)^4$$

$$319^3 := 32461759 = (324 + 61 - 75 + 9)^3$$

$$319^4 := 10355301121 = (1 + 03 + 5 + 5 + 301 + 1 + 2 + 1)^4$$

$$321^3 := 33076161 = (330 - 7 + 6 - 1 - 6 - 1)^3$$

$$321^4 := 10617447681 = (1061 - 744 + 7 + 6 - 8 - 1)^4$$

$$322^4 := 10750371856 = (1 - 07 - 50 + 371 + 8 + 5 - 6)^4$$

$$323^2 := 104329 = (-10 + 4 + 329)^2$$

$$323^3 := 33698267 = (33 + 6 + 9 + 8 + 267)^3$$

$$323^4 := 10884540241 = (-1 + 088 + 4 - 5 - 4 + 0241)^4$$

$$325^3 := 34328125 = (343 - 2 - 8 - 1 - 2 - 5)^3$$

$$325^4 := 11156640625 = (-1 - 1 - 1 - 5 - 66 + 406 - 2 - 5)^4$$

$$326^3 := 34645976 = (-3 + 464 - 59 - 76)^3$$

$$326^4 := 11294588176 = (11 + 294 + 5 + 8 + 8 - 1 + 7 - 6)^4$$

$$327^4 := 11433811041 = (1 - 1 - 4 + 338 - 1 - 1 - 04 - 1)^4$$

$$328^4 := 11574317056 = (1 + 1 + 5 + 7 - 4 + 317 - 05 + 6)^4$$

$$329^3 := 35611289 = (35 - 6 + 11 + 289)^3$$

$$329^4 := 11716114081 = (-11 - 71 + 6 - 1 - 1 + 408 - 1)^4$$

$$331^3 := 36264691 = (3 - 6 + 264 + 69 + 1)^3$$

$$331^4 := 12003612721 = (1 + 20 + 036 + 1 + 272 + 1)^4$$

$$332^3 := 36594368 = (365 - 9 + 4 - 36 + 8)^3$$

$$332^4 := 12149330176 = (1 + 2 - 1 + 4 + 9 + 3 + 301 + 7 + 6)^4$$

$$333^3 := 36926037 = (369 - 26 - 03 - 7)^3$$

$$333^4 := 12296370321 = (1 + 2 - 2 + 9 + 6 + 3 - 7 + 0321)^4$$

$$334^4 := 12444741136 = (1 + 244 + 4 + 74 + 1 + 1 + 3 + 6)^4$$

$$334^4 := 12594450625 = (-1 - 2 - 5 - 94 + 450 - 6 - 2 - 5)^4$$

$$336^3 := 37933056 = (3 - 7 + 9 + 330 - 5 + 6)^3$$

$$336^4 := 12745506816 = (1 + 274 + 5 - 5 + 068 - 1 - 6)^4$$

$$337^3 := 38272753 = (-3 + 8 + 272 + 7 + 53)^3$$

$$337^4 := 12897917761 = (1 + 289 + 7 + 9 + 17 + 7 + 6 + 1)^4$$

$$338^3 := 38614472 = (386 + 1 - 44 - 7 + 2)^3$$

$$338^4 := 13051691536 = (1 + 305 + 16 + 9 - 1 + 5 - 3 + 6)^4$$

$$339^3 := 38958219 = (389 - 58 - 2 + 1 + 9)^3$$

$$339^4 := 13206836241 = (-1 + 320 + 6 + 8 + 3 + 6 + 2 - 4 - 1)^4$$

$$340^4 := 13363360000 = (13 - 3 - 6 + 336 + 0000)^4$$

$$341^4 := 13521270961 = (1 + 352 - 1 - 2 + 7 - 09 - 6 - 1)^4$$

$$342^4 := 13680577296 = (13 + 6 + 8 + 05 + 7 + 7 + 296)^4$$

$$\begin{aligned}344^2 &:= 118336 &= (1 - 1 + 8 + 336)^2 \\344^3 &:= 40707584 &= (407 - 075 + 8 + 4)^3 \\344^4 &:= 14003408896 &= (-1 + 4 + 00340 + 8 + 8 - 9 - 6)^4 \\ \\345^3 &:= 41063625 &= (4 - 10 - 6 + 362 - 5)^3 \\345^4 &:= 14166950625 &= (-1 + 416 + 6 - 95 - 06 + 25)^4 \\ \\346^3 &:= 41421736 &= (414 - 2 + 1 - 73 + 6)^3 \\346^4 &:= 14331920656 &= (-1 + 4 + 331 + 9 - 2 + 06 + 5 - 6)^4 \\ \\347^4 &:= 14498327281 &= (14 - 4 + 9 + 8 + 327 + 2 - 8 - 1)^4 \\ \\348^3 &:= 42144192 &= (-4 + 2 + 1 + 441 - 92)^3 \\348^4 &:= 14666178816 &= (146 + 6 - 6 + 178 + 8 + 16)^4 \\ \\349^4 &:= 14835483601 &= (1 + 4 + 8 + 354 - 8 - 3 - 6 - 01)^4 \\ \\351^3 &:= 43243551 &= (-4 + 3 + 2 - 4 + 355 - 1)^3 \\351^4 &:= 15178486401 &= (1 + 5 - 1 + 7 - 8 - 48 - 6 + 401)^4 \\ \\352^3 &:= 43614208 &= (4 - 3 - 61 + 420 - 8)^3 \\352^4 &:= 15352201216 &= (1 + 5 + 352 + 2 + 01 - 2 - 1 - 6)^4 \\ \\353^3 &:= 43986977 &= (-439 + 869 - 77)^3 \\353^4 &:= 15527402881 &= (15 + 52 - 7 + 4 + 0288 + 1)^4 \\ \\354^3 &:= 44361864 &= (443 - 6 - 1 - 86 + 4)^3 \\354^4 &:= 15704099856 &= (15 - 70 + 409 + 9 - 8 + 5 - 6)^4 \\ \\355^4 &:= 15882300625 &= (-1 - 5 - 8 + 82 + 300 - 6 - 2 - 5)^4 \\ \\356^3 &:= 45118016 &= (451 + 1 - 80 - 16)^3 \\356^4 &:= 16062013696 &= (-16 + 06 + 2 + 01 + 369 - 6)^4 \\ \\357^4 &:= 16243247601 &= (1 + 6 + 24 + 324 + 7 - 6 + 01)^4 \\ \\358^3 &:= 45882712 &= (-4 + 5 + 88 + 271 - 2)^3 \\358^4 &:= 16426010896 &= (1 + 6 + 4 + 260 - 1 - 08 + 96)^4\end{aligned}$$

$$\begin{aligned} 359^3 &:= 46268279 = (4 + 62 + 6 + 8 + 279)^3 \\ 359^4 &:= 16610312161 = (-1 + 66 - 10 + 312 - 1 - 6 - 1)^4 \\ \\ 362^3 &:= 47437928 = (4 - 7 - 4 + 379 - 2 - 8)^3 \\ 362^4 &:= 17172529936 = (1 + 71 + 7 - 2 - 5 + 299 - 3 - 6)^4 \\ \\ 363^3 &:= 47832147 = (47 - 8 + 321 - 4 + 7)^3 \\ 363^4 &:= 17363069361 = (-17 + 363 + 06 + 9 - 3 + 6 - 1)^4 \\ \\ 364^2 &:= 132496 = (-132 + 496)^2 \\ 364^3 &:= 48228544 = (48 - 228 + 544)^3 \\ 364^4 &:= 17555190016 = (-1 + 7 + 555 - 190 - 01 - 6)^4 \\ \\ 365^4 &:= 17748900625 = (1 + 77 + 4 + 8 + 900 - 625)^4 \\ \\ 366^4 &:= 17944209936 = (17 + 9 + 442 - 099 + 3 - 6)^4 \\ \\ 367^4 &:= 18141126721 = (1 - 8 - 1 + 411 - 26 - 7 - 2 - 1)^4 \\ \\ 368^3 &:= 49836032 = (-4 + 9 + 8 + 360 - 3 - 2)^3 \\ 368^4 &:= 18339659776 = (-1 + 8 + 339 + 6 + 5 - 9 + 7 + 7 + 6)^4 \\ \\ 369^2 &:= 136161 = (1 + 361 + 6 + 1)^2 \\ 369^3 &:= 50243409 = (5 - 02 - 43 + 409)^3 \\ 369^4 &:= 18539817921 = (-18 - 5 + 398 - 1 + 7 - 9 - 2 - 1)^4 \\ \\ 370^2 &:= 136900 = (1 + 369 + 00)^2 \\ 370^3 &:= 50653000 = (5 + 065 + 300 + 0)^3 \\ \\ 371^3 &:= 51064811 = (-5 - 106 + 481 + 1)^3 \\ 371^4 &:= 18945044881 = (1 - 89 + 450 + 4 + 4 + 8 - 8 + 1)^4 \\ \\ 372^2 &:= 138384 = (1 + 383 - 8 - 4)^2 \\ 372^4 &:= 19150131456 = (1 - 91 + 5 - 01 + 3 - 1 + 456)^4 \\ \\ 373^4 &:= 19356878641 = (19 + 356 + 8 - 7 + 8 - 6 - 4 - 1)^4 \end{aligned}$$

$$\begin{aligned}374^3 &:= 52313624 = (5 - 2 + 313 + 62 - 4)^3 \\374^4 &:= 19565295376 = (-1 + 9 + 5 + 6 - 5 - 2 - 9 - 5 + 376)^4 \\375^4 &:= 19775390625 = (-19 + 7 - 7 + 5 + 390 + 6 - 2 - 5)^4 \\376^3 &:= 53157376 = (-5 + 315 - 7 - 3 + 76)^3 \\376^4 &:= 19987173376 = (19 + 9 - 8 + 7 - 1 + 7 + 337 + 6)^4 \\377^3 &:= 53582633 = (5 + 358 + 2 + 6 + 3 + 3)^3 \\378^3 &:= 54010152 = (540 - 10 - 152)^3 \\378^4 &:= 20415837456 = (-20 + 415 + 8 - 3 - 7 - 4 - 5 - 6)^4 \\379^2 &:= 143641 = (14 + 364 + 1)^2 \\379^4 &:= 20632736881 = (2 + 06 + 3 + 2 + 7 + 368 - 8 - 1)^4 \\381^4 &:= 21071715921 = (210 + 7 + 171 + 5 - 9 - 2 - 1)^4 \\382^4 &:= 21293813776 = (2 + 1 - 2 + 9 + 381 - 3 + 7 - 7 - 6)^4 \\383^4 &:= 21517662721 = (215 + 176 - 6 + 2 - 7 + 2 + 1)^4 \\384^4 &:= 21743271936 = (-21 - 7 + 432 - 7 - 1 - 9 + 3 - 6)^4 \\385^4 &:= 21970650625 = (-21 - 97 - 06 + 506 - 2 + 5)^4 \\386^4 &:= 22199808016 = (221 + 9 - 9 + 80 + 80 - 1 + 6)^4 \\387^4 &:= 22430753361 = (2 + 2 + 4 + 3 + 07 + 5 + 3 + 361)^4 \\388^4 &:= 22663495936 = (2 + 2 + 6 + 6 + 349 + 5 + 9 + 3 + 6)^4 \\389^4 &:= 22898045041 = (-2 - 2 - 8 - 98 - 04 + 504 - 1)^4 \\391^4 &:= 23372600161 = (2 + 3 + 372 + 6 + 001 + 6 + 1)^4 \\392^3 &:= 60236288 = (-60 + 2 + 362 + 88)^3 \\392^4 &:= 23612624896 = (2 + 361 + 2 + 6 + 2 - 4 + 8 + 9 + 6)^4\end{aligned}$$

$$393^4 := 23854493601 = (2 + 38 - 5 + 4 + 4 - 9 + 360 - 1)^4$$

$$394^4 := 24098215696 = (2 + 409 + 8 + 2 - 1 - 5 - 6 - 9 - 6)^4$$

$$395^3 := 61629875 = (6 + 16 + 298 + 75)^3$$

$$395^4 := 24343800625 = (2 + 434 - 38 - 006 - 2 + 5)^4$$

$$396^4 := 24591257856 = (-2 + 459 + 1 - 2 - 57 + 8 - 5 - 6)^4$$

$$397^4 := 24840596881 = (2 - 4 + 8 + 405 + 9 - 6 - 8 - 8 - 1)^4$$

$$397^4 := 25091827216 = (250 + 91 - 8 - 2 + 72 + 1 - 6)^4$$

$$399^4 := 25344958401 = (2 + 5 + 3 - 4 - 4 + 9 - 5 - 8 + 401)^4$$

$$401^4 := 25856961601 = (258 - 5 - 6 + 96 - 1 + 60 - 1)^4$$

$$402^3 := 64964808 = (6 + 4 - 96 + 480 + 8)^3$$

$$402^4 := 26115852816 = (261 + 1 + 58 + 5 + 2 + 81 - 6)^4$$

$$403^4 := 26376683281 = (2 + 63 + 7 + 6 + 6 - 8 + 328 - 1)^4$$

$$404^3 := 65939264 = (6 - 5 + 9 + 392 + 6 - 4)^3$$

$$404^4 := 26639462656 = (-2 + 6 - 6 - 39 + 462 - 6 - 5 - 6)^4$$

$$405^4 := 26904200625 = (2 + 6 - 90 + 420 + 062 + 5)^4$$

$$406^3 := 66923416 = (6 - 6 - 9 + 2 - 3 + 416)^3$$

$$407^3 := 67419143 = (6 - 7 + 419 - 14 + 3)^3$$

$$407^4 := 27439591201 = (2 + 7 - 4 + 395 + 9 + 1 - 2 - 01)^4$$

$$408^4 := 27710263296 = (277 - 1 - 02 + 6 + 32 + 96)^4$$

$$409^4 := 27982932961 = (-2 + 7 + 9 + 82 - 9 + 329 - 6 - 1)^4$$

$$411^3 := 69426531 = (-69 + 426 + 53 + 1)^3$$

$$411^4 := 28534304241 = (-2 - 8 + 5 - 3 + 430 - 4 - 2 - 4 - 1)^4$$

$$412^4 := 28813025536 = (2 + 88 + 1 + 302 + 5 + 5 + 3 + 6)^4$$

$$413^4 := 29093783761 = (2 + 9 + 09 + 378 + 3 + 7 + 6 - 1)^4$$

$$414^2 := 171396 = (17 + 1 + 396)^2$$

$$414^4 := 29376588816 = (293 + 7 + 6 + 5 + 88 + 8 + 1 + 6)^4$$

$$415^4 := 29661450625 = (-2 - 9 - 6 - 6 + 1 + 450 - 6 - 2 - 5)^4$$

$$416^4 := 29948379136 = (2 + 9 + 9 + 483 - 79 + 1 - 3 - 6)^4$$

$$417^4 := 30237384321 = (3 - 02 + 3 - 7 - 3 - 8 + 432 - 1)^4$$

$$418^3 := 73034632 = (73 + 0346 - 3 + 2)^3$$

$$418^4 := 30528476176 = (305 + 2 + 84 + 7 + 6 + 1 + 7 + 6)^4$$

$$419^4 := 30821664721 = (3 + 08 + 2 + 1 - 66 + 472 - 1)^4$$

$$420^4 := 31116960000 = (311 + 169 - 60 + 000)^4$$

$$421^4 := 31414372081 = (3 + 1 + 414 + 3 + 7 + 2 - 08 - 1)^4$$

$$422^3 := 75151448 = (-7 - 5 - 15 + 1 + 448)^3$$

$$422^4 := 31713911056 = (317 + 1 + 3 + 91 - 1 + 05 + 6)^4$$

$$423^4 := 32015587041 = (320 + 1 + 5 + 5 + 87 + 04 + 1)^4$$

$$424^4 := 32319410176 = (3 - 2 + 3 + 1 + 9 + 410 - 1 + 7 - 6)^4$$

$$425^4 := 32625390625 = (326 + 2 + 5 + 3 + 90 + 6 - 2 - 5)^4$$

$$426^4 := 32933538576 = (329 + 3 + 3 + 5 - 3 + 8 + 5 + 76)^4$$

$$427^4 := 33243864241 = (3 - 3 - 2 + 438 - 6 + 4 - 2 - 4 - 1)^4$$

$$428^3 := 78402752 = (78 - 402 + 752)^3$$

$$428^4 := 33556377856 = (335 + 5 + 6 + 3 + 7 - 7 + 85 - 6)^4$$

$$\begin{aligned}429^3 &:= 78953589 = (-7 - 8 + 95 + 358 - 9)^3 \\429^4 &:= 33871089681 = (338 + 71 + 08 + 9 - 6 + 8 + 1)^4 \\430^4 &:= 34188010000 = (3 + 418 + 8 + 01 + 0000)^4 \\431^4 &:= 34507149121 = (345 + 071 + 4 + 9 + 1 + 2 - 1)^4 \\432^4 &:= 34828517376 = (348 + 2 + 8 + 51 + 7 + 3 + 7 + 6)^4 \\433^4 &:= 35152125121 = (351 + 52 + 1 + 25 + 1 + 2 + 1)^4 \\434^4 &:= 35477982736 = (-3 - 5 + 477 - 9 - 8 - 2 - 7 - 3 - 6)^4 \\436^4 &:= 36136489216 = (361 + 3 + 64 + 8 + 9 - 2 - 1 - 6)^4 \\437^4 &:= 36469158961 = (364 + 69 - 1 - 5 + 8 + 9 - 6 - 1)^4 \\438^4 &:= 36804120336 = (-3 - 6 + 8 + 0412 + 033 - 6)^4 \\439^4 &:= 37141383841 = (371 + 41 + 3 + 8 + 3 + 8 + 4 + 1)^4 \\440^4 &:= 37480960000 = (-37 + 480 - 9 + 6 + 0000)^4 \\441^2 &:= 194481 = (1 - 9 + 448 + 1)^2 \\442^4 &:= 38167092496 = (381 + 67 - 09 + 2 + 4 - 9 + 6)^4 \\443^4 &:= 38513670001 = (3 - 8 + 513 + 6 - 70 - 001)^4 \\444^4 &:= 38862602496 = (-38 + 8 + 6 - 26 - 02 + 496)^4 \\445^4 &:= 39213900625 = (392 + 1 + 39 + 006 + 2 + 5)^4 \\446^3 &:= 88716536 = (-88 - 7 - 1 + 6 + 536)^3 \\446^4 &:= 39567575056 = (395 + 67 - 5 - 7 - 5 - 05 + 6)^4 \\447^4 &:= 39923636481 = (399 - 2 + 36 - 3 + 6 + 4 + 8 - 1)^4 \\448^4 &:= 40282095616 = (402 + 8 - 2 - 09 + 56 - 1 - 6)^4\end{aligned}$$

$$\begin{aligned}449^3 &:= 90518849 = (-90 + 518 + 8 + 4 + 9)^3 \\449^4 &:= 40642963201 = (4 + 06 + 429 + 6 + 3 + 2 - 01)^4 \\451^3 &:= 91733851 = (-9 + 1 + 73 + 385 + 1)^3 \\451^4 &:= 41371966801 = (413 + 7 + 1 + 9 + 6 + 6 + 8 + 01)^4 \\452^3 &:= 92345408 = (-9 + 2 - 3 + 454 + 08)^3 \\452^4 &:= 41740124416 = (4 + 1 + 7 + 4 - 01 + 2 + 441 - 6)^4 \\453^4 &:= 42110733681 = (421 + 10 + 7 + 3 - 3 + 6 + 8 + 1)^4 \\454^4 &:= 42483805456 = (4 - 2 + 4 + 8 - 3 - 8 - 05 + 456)^4 \\455^3 &:= 94196375 = (94 + 1 - 9 - 6 + 375)^3 \\455^4 &:= 42859350625 = (428 - 5 + 9 - 3 - 5 + 06 + 25)^4 \\456^3 &:= 94818816 = (-9 + 481 + 8 - 8 - 16)^3 \\456^4 &:= 43237380096 = (432 + 3 + 7 + 3 + 8 + 009 - 6)^4 \\457^4 &:= 43617904801 = (4 - 3 - 6 - 1 - 7 - 9 + 0480 - 1)^4 \\458^4 &:= 44000935696 = (-4 + 400 - 09 + 3 + 5 + 69 - 6)^4 \\459^4 &:= 44386483761 = (4 + 438 + 6 + 4 - 8 + 3 + 7 + 6 - 1)^4 \\460^3 &:= 97336000 = (97 + 3 + 360 + 00)^3 \\461^4 &:= 45165175441 = (4 + 5 - 1 + 6 + 5 - 1 + 7 - 5 + 441)^4 \\462^2 &:= 213444 = (21 - 3 + 444)^2 \\462^4 &:= 45558341136 = (455 + 5 + 8 - 3 + 4 + 1 + 1 - 3 - 6)^4 \\463^4 &:= 45954068161 = (459 - 5 - 4 + 06 - 8 + 16 - 1)^4 \\464^4 &:= 46352367616 = (463 + 5 + 2 + 3 + 6 + 7 - 6 - 16)^4 \\465^3 &:= 100544625 = (-1 + 005 + 4 + 462 - 5)^3 \\465^4 &:= 46753250625 = (467 + 5 + 3 - 2 + 5 - 06 - 2 - 5)^4\end{aligned}$$

$$\begin{aligned}466^3 &:= 101194696 = (10 + 1 + 1 - 9 + 469 - 6)^3 \\466^4 &:= 47156728336 = (471 + 5 + 6 + 7 + 2 + 8 + 3 - 36)^4 \\ \\467^3 &:= 101847563 = (10 - 1 - 8 + 475 - 6 - 3)^3 \\467^4 &:= 47562811921 = (475 - 6 + 2 + 8 + 1 - 1 - 9 - 2 - 1)^4 \\ \\468^3 &:= 102503232 = (1 - 02 + 503 - 2 - 32)^3 \\468^4 &:= 47971512576 = (-4 - 7 - 9 - 7 + 1 + 512 - 5 - 7 - 6)^4 \\ \\469^4 &:= 48382841521 = (483 + 8 - 2 - 8 + 4 - 15 - 2 + 1)^4 \\ \\470^4 &:= 48796810000 = (487 - 9 - 6 + 8 - 10 + 000)^4 \\ \\471^3 &:= 104487111 = (-10 + 4 + 487 - 11 + 1)^3 \\471^4 &:= 49213429281 = (492 - 13 - 4 - 2 + 9 - 2 - 8 - 1)^4 \\ \\472^3 &:= 105154048 = (1 + 0515 - 40 + 4 - 8)^3 \\472^4 &:= 49632710656 = (496 + 3 - 2 - 7 - 1 - 06 - 5 - 6)^4 \\ \\473^3 &:= 105823817 = (105 - 8 + 2 + 381 - 7)^3 \\473^4 &:= 50054665441 = (500 - 5 + 4 - 6 - 6 - 5 - 4 - 4 - 1)^4 \\ \\474^3 &:= 106496424 = (-10 - 6 + 496 - 4 + 2 - 4)^3 \\474^4 &:= 50479304976 = (-5 + 04 - 7 + 9 - 30 + 497 + 6)^4 \\ \\475^4 &:= 50906640625 = (5 - 09 + 066 + 406 + 2 + 5)^4 \\ \\476^4 &:= 51336683776 = (513 - 36 - 6 + 8 + 3 + 7 - 7 - 6)^4 \\ \\477^3 &:= 108531333 = (-10 - 8 + 531 - 33 - 3)^3 \\477^4 &:= 51769445841 = (5 + 1 + 7 + 6 + 9 - 4 + 458 - 4 - 1)^4 \\ \\478^3 &:= 109215352 = (109 + 2 + 15 + 352)^3 \\478^4 &:= 52204938256 = (522 + 04 - 9 - 38 - 2 - 5 + 6)^4 \\ \\479^4 &:= 52643172481 = (5 - 2 + 6 - 4 + 3 - 1 - 7 - 2 + 481)^4 \\ \\480^4 &:= 53084160000 = (-5 - 30 - 84 - 1 + 600 + 00)^4\end{aligned}$$

$$\begin{aligned}481^3 &:= 111284641 = (11 + 1 - 2 + 8 + 464 - 1)^3 \\481^4 &:= 53527912321 = (535 - 2 - 7 - 9 - 1 - 2 - 32 - 1)^4 \\482^4 &:= 53974440976 = (5 + 3 + 9 + 7 - 4 + 440 + 9 + 7 + 6)^4 \\483^3 &:= 112678587 = (1 - 1 - 26 - 78 + 587)^3 \\483^4 &:= 54423757521 = (544 + 2 + 3 - 75 + 7 + 5 - 2 - 1)^4 \\485^3 &:= 114084125 = (11 + 408 + 41 + 25)^3 \\485^4 &:= 55330800625 = (553 + 3 - 080 + 06 - 2 + 5)^4 \\486^3 &:= 114791256 = (11 + 479 - 1 - 2 + 5 - 6)^3 \\486^4 &:= 55788550416 = (557 + 8 - 85 + 5 - 04 - 1 + 6)^4 \\487^3 &:= 115501303 = (1 - 15 + 501 + 3 - 03)^3 \\487^4 &:= 56249134561 = (5 + 6 - 2 + 491 + 3 - 4 - 5 - 6 - 1)^4 \\488^3 &:= 116214272 = (1 + 1 + 62 - 1 + 427 - 2)^3 \\488^4 &:= 56712564736 = (567 - 1 - 2 - 56 - 4 - 7 - 3 - 6)^4 \\489^4 &:= 57178852641 = (-5 - 7 + 1 - 7 - 8 - 8 + 526 - 4 + 1)^4 \\490^4 &:= 57648010000 = (576 + 4 - 80 - 10 + 000)^4 \\491^4 &:= 58120048561 = (581 - 2 + 004 - 85 - 6 - 1)^4 \\492^3 &:= 119095488 = (-1 + 19 - 09 - 5 + 488)^3 \\492^4 &:= 58594980096 = (5 + 8 + 5 - 9 + 498 - 009 - 6)^4 \\493^4 &:= 59072816401 = (590 - 7 + 2 - 81 - 6 - 4 - 01)^4 \\494^3 &:= 120553784 = (120 + 5 - 5 + 378 - 4)^3 \\494^4 &:= 59553569296 = (5 - 9 - 5 + 535 - 6 - 9 - 2 - 9 - 6)^4 \\495^2 &:= 245025 = (2 - 4 + 502 - 5)^2 \\495^3 &:= 121287375 = (121 - 2 + 8 - 7 + 375)^3 \\495^4 &:= 60037250625 = (-6 - 003 + 7 - 2 + 506 - 2 - 5)^4\end{aligned}$$

$$\begin{aligned}496^3 &:= 122023936 = (1 + 220 + 239 + 36)^3 \\496^4 &:= 60523872256 = (605 - 23 - 87 + 2 - 2 - 5 + 6)^4 \\ \\497^3 &:= 122763473 = (12 + 2 + 7 + 6 - 3 + 473)^3 \\497^4 &:= 61013446081 = (-6 + 1 + 01 + 34 + 460 + 8 - 1)^4 \\ \\498^3 &:= 123505992 = (12 - 3 + 505 - 9 - 9 + 2)^3 \\498^4 &:= 61505984016 = (6 - 1 + 505 - 9 + 8 - 4 - 01 - 6)^4 \\ \\499^3 &:= 124251499 = (-1 + 2 + 4 - 2 + 514 - 9 - 9)^3 \\ \\501^3 &:= 125751501 = (1 - 2 - 5 - 7 + 515 - 01)^3 \\501^4 &:= 63001502001 = (-6 + 3 + 001 + 502 + 001)^4 \\ \\503^3 &:= 127263527 = (-12 - 7 - 2 - 6 + 3 + 527)^3 \\503^4 &:= 64013554081 = (-64 + 01 + 3 + 554 + 08 + 1)^4 \\ \\504^3 &:= 128024064 = (12 + 80 + 2 + 406 + 4)^3 \\504^4 &:= 64524128256 = (6 - 4 + 524 + 1 - 2 - 8 - 2 - 5 - 6)^4 \\ \\505^3 &:= 128787625 = (-128 + 7 + 8 - 7 + 625)^3 \\505^4 &:= 65037750625 = (6 + 503 + 7 + 7 - 5 - 06 - 2 - 5)^4 \\ \\506^3 &:= 129554216 = (-1 + 2 + 95 - 5 + 421 - 6)^3 \\506^4 &:= 65554433296 = (-65 + 554 + 4 + 3 - 3 - 2 + 9 + 6)^4 \\ \\507^3 &:= 130323843 = (-13 - 0323 + 843)^3 \\507^4 &:= 66074188401 = (-6 + 607 - 4 + 1 - 88 - 4 + 01)^4 \\ \\508^3 &:= 131096512 = (1 - 3 + 1 - 09 + 6 + 512)^3 \\508^4 &:= 66597028096 = (-6 + 659 - 70 + 2 - 80 + 9 - 6)^4 \\ \\509^4 &:= 67122964561 = (-6 + 71 + 2 + 2 - 9 - 6 + 456 - 1)^4 \\ \\510^3 &:= 132651000 = (1 + 3 + 2 - 6 + 510 + 00)^3 \\ \\511^3 &:= 133432831 = (1 - 3 - 3 + 432 + 83 + 1)^3 \\511^4 &:= 68184176641 = (68 + 1 + 8 + 417 + 6 + 6 + 4 + 1)^4\end{aligned}$$

$$513^3 := 135005697 = (1 + 3 + 500 + 5 + 6 - 9 + 7)^3$$

$$513^4 := 69257922561 = (6 - 9 - 25 - 7 - 9 - 2 - 2 + 561)^4$$

$$514^3 := 135796744 = (-1 + 3 + 579 - 67 + 4 - 4)^3$$

$$514^4 := 69799526416 = (6 + 97 - 9 - 9 + 5 + 2 + 6 + 416)^4$$

$$515^3 := 136590875 = (-1 + 3 + 6 + 590 - 8 - 75)^3$$

$$515^4 := 70344300625 = (70 + 3 + 443 + 006 - 2 - 5)^4$$

$$516^4 := 70892257536 = (-7 + 08 - 9 + 2 - 2 - 5 - 7 + 536)^4$$

$$517^3 := 138188413 = (1 - 381 + 884 + 13)^3$$

$$517^4 := 71443409521 = (7 - 1 + 4 - 4 + 3 - 4 - 09 + 521)^4$$

$$518^4 := 71997768976 = (-71 - 99 + 7 - 7 + 689 - 7 + 6)^4$$

$$519^4 := 72555348321 = (7 + 2 - 5 - 5 + 534 - 8 - 3 - 2 - 1)^4$$

$$520^4 := 73116160000 = (-73 + 1 - 1 - 6 - 1 + 600 + 00)^4$$

$$521^4 := 73680216481 = (-7 + 36 + 8 - 02 - 1 + 6 + 481)^4$$

$$522^3 := 142236648 = (142 + 2 + 366 + 4 + 8)^3$$

$$522^4 := 74247530256 = (7 + 424 + 75 + 3 + 02 + 5 + 6)^4$$

$$523^2 := 273529 = (-2 - 7 + 3 + 529)^2$$

$$523^4 := 74818113841 = (7 + 481 + 8 + 11 + 3 + 8 + 4 + 1)^4$$

$$524^3 := 143877824 = (-1 + 438 + 77 + 8 - 2 + 4)^3$$

$$524^4 := 75391979776 = (-7 + 539 + 1 + 9 - 7 + 9 - 7 - 7 - 6)^4$$

$$525^4 := 75969140625 = (7 + 596 - 91 + 4 + 06 - 2 + 5)^4$$

$$526^3 := 145531576 = (-14 + 5 + 531 + 5 - 7 + 6)^3$$

$$526^4 := 76549608976 = (7 + 6 + 549 - 6 - 08 - 9 - 7 - 6)^4$$

$$527^3 := 146363183 = (1 + 4 + 636 - 31 - 83)^3$$

$$527^4 := 77133397441 = (77 + 13 - 3 - 3 + 9 - 7 + 441)^4$$

$$528^4 := 77720518656 = (7 + 7 - 7 - 2 + 0518 + 6 + 5 - 6)^4$$

$$531^3 := 149721291 = (1 + 497 + 21 + 2 + 9 + 1)^3$$

$$531^4 := 79502005521 = (7 + 9 + 502 + 005 + 5 + 2 + 1)^4$$

$$532^3 := 150568768 = (-15 + 0568 - 7 - 6 - 8)^3$$

$$532^4 := 80102584576 = (-8 + 01 - 025 - 8 - 4 + 576)^4$$

$$533^3 := 151419437 = (1 + 514 + 1 + 9 + 4 - 3 + 7)^3$$

$$533^4 := 80706559921 = (8 - 070 - 6 + 5 + 599 - 2 - 1)^4$$

$$534^3 := 152273304 = (1 + 522 + 7 + 3 - 3 + 04)^3$$

$$534^4 := 81313944336 = (81 + 3 + 1 - 3 + 9 + 4 + 433 + 6)^4$$

$$535^4 := 81924750625 = (-81 + 9 - 2 - 4 - 7 - 5 + 0625)^4$$

$$536^3 := 153990656 = (1 + 539 - 9 + 06 + 5 - 6)^3$$

$$536^4 := 82538991616 = (-8 + 2 + 538 + 9 + 9 - 1 - 6 - 1 - 6)^4$$

$$537^3 := 154854153 = (-1 + 548 - 5 + 4 - 1 - 5 - 3)^3$$

$$537^4 := 83156680161 = (-8 + 3 + 1 + 566 - 8 - 016 - 1)^4$$

$$538^4 := 83777829136 = (-8 + 377 - 7 + 82 + 91 - 3 + 6)^4$$

$$539^3 := 156590819 = (1 + 565 - 9 - 08 - 1 - 9)^3$$

$$539^4 := 84402451441 = (8 + 4 + 4 + 02 + 4 + 514 + 4 - 1)^4$$

$$540^4 := 85030560000 = (-8 - 50 + 3 - 05 + 600 + 00)^4$$

$$541^3 := 158340421 = (1 + 583 - 40 - 4 + 2 - 1)^3$$

$$541^4 := 85662167761 = (-85 + 6 + 621 + 6 + 7 - 7 - 6 - 1)^4$$

$$542^4 := 86297287696 = (8 + 629 - 7 + 2 - 87 - 6 + 9 - 6)^4$$

$$543^4 := 86935932801 = (869 - 3 - 5 + 9 - 328 + 01)^4$$

$$544^3 := 160989184 = (1 + 609 + 8 + 9 + 1 - 84)^3$$

$$544^4 := 87578116096 = (-8 - 7 + 578 + 1 + 1 - 6 - 09 - 6)^4$$

$$\begin{aligned}545^3 &:= 161878625 = (-1 + 618 + 7 - 86 + 2 + 5)^3 \\545^4 &:= 88223850625 = (8 - 8 + 2 + 2 + 38 + 506 + 2 - 5)^4 \\546^4 &:= 88873149456 = (88 + 8 - 7 - 3 - 1 - 4 + 9 + 456)^4 \\547^3 &:= 163667323 = (1 + 636 + 6 - 73 - 23)^3 \\547^4 &:= 89526025681 = (8 + 9 + 526 + 02 + 5 + 6 - 8 - 1)^4 \\548^3 &:= 164566592 = (-16 + 4 + 566 + 5 - 9 - 2)^3 \\548^4 &:= 90182492416 = (90 - 1 + 8 + 24 + 9 + 2 + 416)^4 \\549^3 &:= 165469149 = (16 + 546 - 9 + 1 + 4 - 9)^3 \\549^4 &:= 90842562801 = (9 - 084 + 2 - 5 + 628 - 01)^4 \\550^3 &:= 166375000 = (1 + 6 + 6 + 37 + 500 + 0)^3 \\550^4 &:= 91506250000 = (-9 + 1 + 506 + 2 + 50 + 000)^4 \\551^4 &:= 92173567201 = (9 - 2 - 17 - 3 + 567 - 2 - 01)^4 \\552^3 &:= 168196608 = (-1 - 68 + 19 - 6 + 608)^3 \\552^4 &:= 92844527616 = (92 + 8 + 4 + 452 + 7 - 6 + 1 - 6)^4 \\553^3 &:= 169112377 = (-1 + 691 - 123 - 7 - 7)^3 \\553^4 &:= 93519144481 = (9 + 3 + 519 + 1 + 4 + 4 + 4 + 8 + 1)^4 \\554^3 &:= 170031464 = (1 + 700 + 3 - 146 - 4)^3 \\554^4 &:= 94197431056 = (9 + 419 + 74 - 3 - 1 + 056)^4 \\555^3 &:= 170953875 = (-1 + 7 + 09 + 538 + 7 - 5)^3 \\555^4 &:= 94879400625 = (9 - 4 + 8 - 79 - 4 + 00625)^4 \\556^3 &:= 171879616 = (1 - 71 + 8 - 7 + 9 + 616)^3 \\556^4 &:= 95565066496 = (9 + 5 + 565 - 06 - 6 + 4 - 9 - 6)^4 \\557^4 &:= 96254442001 = (-9 + 625 - 44 + 4 - 20 + 01)^4 \\558^4 &:= 96947540496 = (9 + 6 - 9 + 4 + 7 + 540 + 4 - 9 + 6)^4\end{aligned}$$

$$559^3 := 174676879 = (1 + 7 + 467 + 68 + 7 + 9)^3$$

$$559^4 := 97644375361 = (9 + 7 + 6 - 4 - 4 + 3 + 7 + 536 - 1)^4$$

$$560^3 := 175616000 = (17 - 56 - 1 + 600 + 0)^3$$

$$560^4 := 98344960000 = (-9 + 8 - 34 + 4 - 9 + 600 + 00)^4$$

$$561^3 := 176558481 = (-1 + 7 - 6 + 558 - 4 + 8 - 1)^3$$

$$562^4 := 99757432336 = (9 - 9 - 7 + 574 + 3 - 2 + 3 - 3 - 6)^4$$

$$563^4 := 178453547 = (-1 + 7 + 8 + 4 - 5 + 3 + 547)^3$$

$$567^4 := 182284263 = (18 + 2 + 284 + 263)^3$$

$$568^4 := 183250432 = (1 + 83 + 2 + 50 + 432)^3$$

$$571^3 := 326041 = (-32 + 604 - 1)^2$$

$$573^3 := 188132517 = (1 + 88 - 1 - 32 + 517)^3$$

$$575^3 := 190109375 = (190 + 1 + 09 + 375)^3$$

$$578^3 := 193100552 = (19 - 3 + 10 + 0552)^3$$

$$581^3 := 196122941 = (-19 + 612 + 2 - 9 - 4 - 1)^3$$

$$582^3 := 197137368 = (1 + 9 + 713 - 73 - 68)^3$$

$$584^3 := 199176704 = (1 - 99 + 1 + 7 + 670 + 4)^3$$

$$588^3 := 203297472 = (20 - 3 + 2 + 97 + 472)^3$$

$$589^3 := 204336469 = (-2 - 043 - 3 + 646 - 9)^3$$

$$593^3 := 208527857 = (-20 + 8 + 527 + 85 - 7)^3$$

$$594^3 := 209584584 = (2 + 09 + 584 - 5 + 8 - 4)^3$$

$$597^3 := 212776173 = (-2 + 1 - 2 - 7 - 7 + 617 - 3)^3$$

$$598^3 := 213847192 = (-2 - 1 + 38 + 471 + 92)^3$$

$$602^3 := 218167208 = (2 + 1 - 81 + 672 + 08)^3$$

$$603^2 := 363609 = (3 - 6 - 3 + 609)^2$$

$$603^3 := 219256227 = (21 + 9 + 2 + 562 + 2 + 7)^3$$

$$607^3 := 223648543 = (2 + 2 + 3 + 648 - 5 - 43)^3$$

$$609^3 := 225866529 = (2 - 2 - 58 + 6 + 652 + 9)^3$$

$$613^3 := 230346397 = (-2 - 30 + 3 - 4 + 639 + 7)^3$$

$$615^3 := 232608375 = (-23 - 2 + 608 + 37 - 5)^3$$

$$619^3 := 237176659 = (23 - 71 - 7 + 665 + 9)^3$$

$$620^3 := 47437928000 = (4 - 7 - 4379 + 2 + 8000)^3$$

$$626^3 := 245314376 = (-24 + 531 + 43 + 76)^3$$

$$627^3 := 246491883 = (2 - 4 + 649 - 1 - 8 - 8 - 3)^3$$

$$628^3 := 247673152 = (-2 - 47 + 673 + 1 + 5 - 2)^3$$

$$631^3 := 251239591 = (25 + 1 + 2 + 3 + 9 + 591)^3$$

$$632^3 := 252435968 = (25 + 2 + 4 - 3 + 596 + 8)^3$$

$$633^3 := 253636137 = (-2 + 5 + 3 + 636 + 1 - 3 - 7)^3$$

$$636^3 := 257259456 = (2 + 572 + 59 + 4 + 5 - 6)^3$$

$$637^3 := 258474853 = (-25 - 84 + 748 - 5 + 3)^3$$

$$638^3 := 259694072 = (2 + 596 + 9 + 40 - 7 - 2)^3$$

$$639^3 := 260917119 = (2 + 609 + 17 + 1 + 1 + 9)^3$$

$$640^3 := 262144000 = (26 + 214 + 400 + 0)^3$$

$$641^3 := 263374721 = (263 + 374 + 7 - 2 - 1)^3$$

$$643^3 := 265847707 = (2 + 658 + 4 - 7 - 7 - 07)^3$$

$$644^3 := 267089984 = (-267 + 0899 + 8 + 4)^3$$

$$645^3 := 268336125 = (26 + 8 - 3 - 3 + 612 + 5)^3$$

$$646^3 := 269586136 = (2 + 695 - 8 - 6 - 1 - 36)^3$$

$$647^3 := 270840023 = (2 + 708 - 40 - 023)^3$$

$$648^3 := 272097792 = (-27 - 20 - 97 + 792)^3$$

$$649^3 := 273359449 = (2 + 733 - 5 - 94 + 4 + 9)^3$$

$$656^3 := 282300416 = (2 + 8 + 230 + 0416)^3$$

$$657^2 := 431649 = (4 + 3 + 1 + 649)^2$$

$$657^3 := 283593393 = (-283 - 5 + 933 + 9 + 3)^3$$

$$659^3 := 286191179 = (-28 + 619 - 11 + 79)^3$$

$$661^3 := 288804781 = (-28 - 88 - 04 + 781)^3$$

$$666^3 := 295408296 = (29 + 540 + 82 + 9 + 6)^3$$

$$667^3 := 296740963 = (2 + 9 + 674 - 09 - 6 - 3)^3$$

$$668^3 := 298077632 = (-2 - 98 + 07 + 763 - 2)^3$$

$$669^3 := 299418309 = (29 + 941 + 8 - 309)^3$$

$$671^3 := 302111711 = (-30 + 2 - 11 - 1 + 711)^3$$

$$674^3 := 306182024 = (30 + 618 + 20 + 2 + 4)^3$$

$$675^2 := 455625 = (45 + 5 + 625)^2$$

$$675^3 := 307546875 = (-3 + 0754 + 6 - 87 + 5)^3$$

$$678^3 := 311665752 = (3 + 1 - 1 + 665 + 7 + 5 - 2)^3$$

$$679^3 := 313046839 = (3 + 1 - 3 + 04 + 683 - 9)^3$$

$$682^3 := 317214568 = (3 + 1 + 721 - 45 - 6 + 8)^3$$

$$683^3 := 318611987 = (3 - 1 - 8 + 611 - 9 + 87)^3$$

$$685^2 := 469225 = (-4 + 692 + 2 - 5)^2$$

$$686^2 := 470596 = (-4 + 705 - 9 - 6)^2$$

$$687^3 := 324242703 = (32 - 42 - 4 - 2 + 703)^3$$

$$688^3 := 325660672 = (-3 + 2 + 5 + 6 + 6 + 0672)^3$$

$$689^3 := 327082769 = (3 + 2 + 708 - 2 - 7 - 6 - 9)^3$$

$$692^3 := 331373888 = (-33 - 13 + 738 + 8 - 8)^3$$

$$696^3 := 337153536 = (3 - 3 + 7 + 153 + 536)^3$$

$$697^3 := 338608873 = (3 - 3 + 8 + 608 + 8 + 73)^3$$

$$703^2 := 494209 = (494 + 209)^2$$

$$704^3 := 348913664 = (3 + 48 - 9 + 1 - 3 + 664)^3$$

$$706^3 := 351895816 = (-3 - 5 + 1 - 8 - 95 + 816)^3$$

$$712^3 := 360944128 = (-360 + 944 + 128)^3$$

$$713^3 := 362467097 = (-3 + 6 - 2 + 4 + 6 + 709 - 7)^3$$

$$714^3 := 363994344 = (-3 + 639 - 9 + 43 + 44)^3$$

$$715^3 := 365525875 = (3 + 655 - 25 + 87 - 5)^3$$

$$716^3 := 367061696 = (3 + 6 + 706 + 16 - 9 - 6)^3$$

$$717^3 := 368601813 = (-3 - 6 - 86 - 01 + 813)^3$$

$$718^3 := 370146232 = (-3 + 701 - 4 - 6 - 2 + 32)^3$$

$$719^3 := 371694959 = (3 + 716 + 9 - 4 + 9 - 5 - 9)^3$$

$$721^3 := 374805361 = (3 + 748 + 05 - 36 + 1)^3$$

$$722^3 := 376367048 = (37 + 6 - 3 + 670 + 4 + 8)^3$$

$$725^3 := 381078125 = (-3 + 810 - 78 - 1 + 2 - 5)^3$$

$$726^3 := 382657176 = (3 + 82 - 6 + 571 + 76)^3$$

$$727^3 := 384240583 = (3 + 842 - 40 + 5 - 83)^3$$

$$728^3 := 385828352 = (3 + 858 + 2 - 83 - 52)^3$$

$$730^3 := 389017000 = (38 - 9 + 01 + 700 + 0)^3$$

$$733^3 := 393832837 = (3 - 9 - 3 + 832 - 83 - 7)^3$$

$$734^3 := 395446904 = (-3 + 95 - 44 + 690 - 4)^3$$

$$735^3 := 397065375 = (39 + 706 + 5 - 3 - 7 - 5)^3$$

$$736^3 := 398688256 = (39 + 8 + 688 + 2 + 5 - 6)^3$$

$$741^3 := 406869021 = (40 + 6 + 8 + 690 - 2 - 1)^3$$

$$744^3 := 411830784 = (-4 + 1 - 1 + 830 - 78 - 4)^3$$

$$747^3 := 416832723 = (4 + 1 + 6 + 8 + 3 + 2 + 723)^3$$

$$748^3 := 418508992 = (4 - 1 + 850 - 8 - 99 + 2)^3$$

$$749^3 := 420189749 = (4 - 2 - 01 + 8 - 9 + 749)^3$$

$$751^3 := 423564751 = (4 - 2 + 3 + 5 - 6 - 4 + 751)^3$$

$$754^3 := 428661064 = (-4 + 2 + 866 - 106 - 4)^3$$

$$756^2 := 571536 = (5 + 715 + 36)^2$$

$$756^3 := 432081216 = (-43 - 20 + 812 + 1 + 6)^3$$

$$757^3 := 433798093 = (4 - 33 + 798 - 09 - 3)^3$$

$$759^3 := 437245479 = (-43 + 724 - 5 + 4 + 79)^3$$

$$760^3 := 438976000 = (4 - 3 + 8 - 9 + 760 + 00)^3$$

$$762^3 := 442450728 = (4 + 4 - 24 + 50 + 728)^3$$

$$765^3 := 447697125 = (44 + 7 + 6 - 9 + 712 + 5)^3$$

$$767^3 := 451217663 = (-4 - 5 + 12 + 1 + 766 - 3)^3$$

$$768^3 := 452984832 = (-45 + 2 - 9 - 8 - 4 + 832)^3$$

$$771^3 := 458314011 = (-45 + 831 - 4 - 011)^3$$

$$773^3 := 461889917 = (-46 - 1 - 88 - 9 + 917)^3$$

$$774^3 := 463684824 = (4 - 6 - 36 - 8 - 4 + 824)^3$$

$$775^3 := 465484375 = (4 - 6 - 54 + 843 - 7 - 5)^3$$

$$776^3 := 467288576 = (46 + 728 + 8 - 5 - 7 + 6)^3$$

$$777^3 := 469097433 = (4 + 690 + 9 + 74 + 3 - 3)^3$$

$$779^3 := 472729139 = (47 - 2 + 729 - 1 - 3 + 9)^3$$

$$780^2 := 608400 = (-60 + 840 + 0)^2$$

$$781^3 := 476379541 = (4 + 763 + 7 + 9 - 5 + 4 - 1)^3$$

$$782^3 := 478211768 = (-47 + 821 - 1 + 7 - 6 + 8)^3$$

$$783^3 := 480048687 = (4 + 800 - 4 - 8 + 6 - 8 - 7)^3$$

$$785^3 := 483736625 = (4 + 837 + 3 - 66 + 2 + 5)^3$$

$$786^3 := 485587656 = (4 + 855 - 8 - 76 + 5 + 6)^3$$

$$787^3 := 487443403 = (4 + 8 + 744 + 34 - 03)^3$$

$$788^3 := 489303872 = (4 + 8 - 93 - 03 + 872)^3$$

$$789^3 := 491169069 = (4 + 91 + 1 + 690 - 6 + 9)^3$$

$$791^3 := 494913671 = (-49 + 4 + 913 - 6 - 71)^3$$

$$792^2 := 627264 = (62 + 726 + 4)^2$$

$$792^3 := 496793088 = (-4 + 9 - 6 + 793 + 08 - 8)^3$$

$$793^3 := 498677257 = (-4 + 9 + 8 + 6 + 772 - 5 + 7)^3$$

$$796^3 := 504358336 = (5 - 043 - 5 + 833 + 6)^3$$

$$799^3 := 510082399 = (-5 - 1 + 00823 - 9 - 9)^3$$

$$801^3 := 513922401 = (5 + 1 + 392 + 2 + 401)^3$$

$$803^2 := 644809 = (-6 + 4 - 4 + 809)^2$$

$$803^3 := 517781627 = (5 - 1 + 7 + 781 + 6 - 2 + 7)^3$$

$$805^2 := 648025 = (-6 + 4 + 802 + 5)^2$$

$$805^3 := 521660125 = (-5 + 216 + 601 - 2 - 5)^3$$

$$807^2 := 525557943 = (-5 + 25 - 5 - 5 + 794 + 3)^3$$

$$808^3 := 527514112 = (52 + 751 - 4 + 11 - 2)^3$$

$$809^3 := 529475129 = (52 + 9 + 4 + 751 + 2 - 9)^3$$

$$811^3 := 533411731 = (5 + 33 + 41 + 1 + 731)^3$$

$$812^3 := 535387328 = (-53 + 5 - 3 + 873 - 2 - 8)^3$$

$$813^3 := 537367797 = (-5 + 37 + 3 + 6 + 779 - 7)^3$$

$$814^3 := 539353144 = (539 - 35 + 314 - 4)^3$$

$$816^3 := 543338496 = (5 + 4 - 33 - 3 + 849 - 6)^3$$

$$817^3 := 545338513 = (5 - 4 - 5 - 33 + 851 + 3)^3$$

$$819^3 := 549353259 = (549 + 3 + 5 + 3 + 259)^3$$

$$820^3 := 551368000 = (5 + 5 + 1 + 3 + 6 + 800 + 0)^3$$

$$821^3 := 553387661 = (5 - 5 + 3 + 3 + 876 - 61)^3$$

$$824^2 := 678976 = (-67 + 897 - 6)^2$$

$$824^3 := 559476224 = (55 + 9 + 4 + 762 - 2 - 4)^3$$

$$825^2 := 680625 = (-6 + 806 + 25)^2$$

$$826^3 := 563559976 = (-56 - 35 - 59 + 976)^3$$

$$829^3 := 569722789 = (56 - 9 - 7 + 2 - 2 + 789)^3$$

$$830^3 := 571787000 = (-57 + 17 + 870 + 00)^3$$

$$831^3 := 573856191 = (5 - 7 - 3 + 856 - 19 - 1)^3$$

$$832^3 := 575930368 = (5 + 759 + 3 - 03 + 68)^3$$

$$833^3 := 578009537 = (57 + 800 - 9 - 5 - 3 - 7)^3$$

$$835^3 := 582182875 = (-5 - 8 - 21 - 8 + 2 + 875)^3$$

$$836^3 := 584277056 = (5 + 842 + 7 - 7 - 05 - 6)^3$$

$$837^3 := 586376253 = (58 + 6 + 3 + 762 + 5 + 3)^3$$

$$838^3 := 588480472 = (-5 + 8 + 848 - 04 - 7 - 2)^3$$

$$839^3 := 590589719 = (-5 + 905 - 8 + 9 - 71 + 9)^3$$

$$842^3 := 596947688 = (59 - 6 + 9 + 4 + 768 + 8)^3$$

$$843^3 := 599077107 = (5 + 9 + 907 - 71 - 07)^3$$

$$846^3 := 605495736 = (6 + 05 + 4 + 95 + 736)^3$$

$$847^3 := 607645423 = (6 + 0764 + 54 + 23)^3$$

$$848^3 := 609800192 = (60 + 9 + 800 - 19 - 2)^3$$

$$849^3 := 611960049 = (-61 - 1 + 960 - 049)^3$$

$$852^3 := 618470208 = (-6 + 1 + 847 + 02 + 08)^3$$

$$854^3 := 622835864 = (6 + 2 - 2 - 8 - 3 - 5 + 864)^3$$

$$856^3 := 627222016 = (627 + 222 + 01 + 6)^3$$

$$857^3 := 629422793 = (-6 - 2 + 94 - 22 + 793)^3$$

$$858^3 := 631628712 = (6 - 3 - 16 + 2 + 871 - 2)^3$$

$$859^3 := 633839779 = (63 + 3 + 8 - 3 + 9 + 779)^3$$

$$861^3 := 638277381 = (-6 + 3 + 82 + 773 + 8 + 1)^3$$

$$862^3 := 640503928 = (-64 - 05 + 03 + 928)^3$$

$$864^3 := 644972544 = (-6 - 44 + 972 - 54 - 4)^3$$

$$866^3 := 649461896 = (-6 - 4 - 9 - 4 - 6 - 1 + 896)^3$$

$$869^3 := 656234909 = (-65 + 6 + 23 - 4 + 909)^3$$

$$872^3 := 663054848 = (6 + 6 + 3 + 05 + 4 + 848)^3$$

$$873^3 := 665338617 = (6 - 6 + 5 + 3 - 3 + 861 + 7)^3$$

$$874^2 := 763876 = (7 - 6 - 3 + 876)^2$$

$$874^3 := 667627624 = (6 + 6 + 762 + 76 + 24)^3$$

$$875^3 := 669921875 = (6 + 6 + 9 + 921 + 8 - 75)^3$$

$$878^3 := 676836152 = (-6 + 768 + 3 + 61 + 52)^3$$

$$879^3 := 679151439 = (6 - 7 + 915 - 1 - 43 + 9)^3$$

$$880^3 := 681472000 = (-6 + 814 + 72 + 000)^3$$

$$881^3 := 683797841 = (6 + 8 + 3 + 7 + 9 + 7 + 841)^3$$

$$882^3 := 686128968 = (6 + 861 + 2 + 8 - 9 + 6 + 8)^3$$

$$883^3 := 688465387 = (6 + 884 + 6 + 5 - 3 - 8 - 7)^3$$

$$885^3 := 693154125 = (6 + 931 - 54 - 1 - 2 + 5)^3$$

$$886^3 := 695506456 = (6 + 955 - 064 - 5 - 6)^3$$

$$887^3 := 697864103 = (-6 + 9 + 7 + 864 + 10 + 3)^3$$

$$889^2 := 790321 = (7 + 903 - 21)^2$$

$$889^3 := 702595369 = (-70 - 2 + 5 + 953 - 6 + 9)^3$$

$$890^3 := 704969000 = (704 + 96 + 90 + 00)^3$$

$$891^3 := 707347971 = (70 + 734 + 79 + 7 + 1)^3$$

$$892^3 := 709732288 = (7 + 0973 + 2 - 2 - 88)^3$$

$$895^3 := 716917375 = (-7 - 16 + 917 + 3 - 7 + 5)^3$$

$$896^3 := 719323136 = (-7 - 1 + 932 - 31 - 3 + 6)^3$$

$$899^2 := 808201 = (80 + 820 - 1)^2$$

$$899^3 := 726572699 = (7 + 2 + 65 + 726 + 99)^3$$

$$902^3 := 733870808 = (7 + 3 - 3 + 87 + 0808)^3$$

$$903^3 := 736314327 = (736 - 3 + 143 + 27)^3$$

$$904^3 := 738763264 = (-7 + 3 + 876 - 32 + 64)^3$$

$$908^3 := 748613312 = (7 + 4 + 861 + 33 + 1 + 2)^3$$

$$909^2 := 826281 = (826 + 2 + 81)^2$$

$$909^3 := 751089429 = (7 + 5 + 10 + 894 + 2 - 9)^3$$

$$910^3 := 753571000 = (-75 - 3 - 5 - 7 + 1000)^3$$

$$911^2 := 829921 = (-82 + 992 + 1)^2$$

$$913^3 := 761048497 = (76 - 1 - 04 + 849 - 7)^3$$

$$914^3 := 763551944 = (7 - 6 - 35 + 5 - 1 + 944)^3$$

$$916^2 := 839056 = (8 - 3 + 905 + 6)^2$$

$$916^3 := 768575296 = (76 + 85 + 752 + 9 - 6)^3$$

$$918^3 := 842724 = (842 + 72 + 4)^2$$

$$919^3 := 776151559 = (7 + 761 + 5 + 155 - 9)^3$$

$$921^3 := 781229961 = (7 + 812 - 2 + 99 + 6 - 1)^3$$

$$922^3 := 783777448 = (783 + 77 + 74 - 4 - 8)^3$$

$$923^3 := 786330467 = (786 - 330 + 467)^3$$

$$924^2 := 853776 = (853 + 77 - 6)^2$$

$$924^3 := 788889024 = (-78 + 88 + 8 + 902 + 4)^3$$

$$925^3 := 791453125 = (7 + 914 + 5 + 3 - 1 + 2 - 5)^3$$

$$927^3 := 796597983 = (-7 + 9 - 65 + 979 + 8 + 3)^3$$

$$928^3 := 799178752 = (-79 + 917 + 87 + 5 - 2)^3$$

$$932^3 := 809557568 = (-80 + 955 - 7 + 56 + 8)^3$$

$$935^3 := 817400375 = (817 + 40 + 03 + 75)^3$$

$$936^3 := 820025856 = (820 + 025 + 85 + 6)^3$$

$$937^2 := 877969 = (877 - 9 + 69)^2$$

$$937^3 := 822656953 = (822 + 6 + 5 + 6 + 95 + 3)^3$$

$$938^3 := 825293672 = (-8 + 2 + 5 - 2 + 936 + 7 - 2)^3$$

$$939^3 := 827936019 = (8 - 2 + 7 + 936 - 01 - 9)^3$$

$$941^3 := 833237621 = (-8 + 332 + 3 - 7 + 621)^3$$

$$942^3 := 835896888 = (835 + 89 - 6 + 8 + 8 + 8)^3$$

$$945^2 := 893025 = (8 + 930 + 2 + 5)^2$$

$$945^3 := 843908625 = (843 + 9 + 086 + 2 + 5)^3$$

$$946^2 := 894916 = (-8 + 949 - 1 + 6)^2$$

$$946^3 := 846590536 = (8 - 4 + 6 - 5 + 905 + 36)^3$$

$$947^3 := 849278123 = (8 + 4 + 927 + 8 + 1 + 2 - 3)^3$$

$$948^3 := 851971392 = (8 + 5 + 1 + 971 - 39 + 2)^3$$

$$953^3 := 865523177 = (865 + 5 + 2 + 3 + 1 + 77)^3$$

$$955^3 := 870983875 = (870 + 98 - 3 - 8 - 7 + 5)^3$$

$$956^3 := 873722816 = (873 + 72 - 2 + 8 - 1 + 6)^3$$

$$957^3 := 876467493 = (876 + 4 + 67 + 4 + 9 - 3)^3$$

$$958^3 := 879217912 = (879 + 2 + 1 + 79 - 1 - 2)^3$$

$$959^2 := 919681 = (-9 + 1 + 968 - 1)^2$$

$$959^3 := 881974079 = (8 - 8 + 1 + 974 - 07 - 9)^3$$

$$962^3 := 890277128 = (890 + 2 + 77 - 1 + 2 - 8)^3$$

$$963^3 := 893056347 = (8 + 930 + 5 + 6 + 3 + 4 + 7)^3$$

$$964^2 := 929296 = (929 + 29 + 6)^2$$

$$964^3 := 895841344 = (8 + 958 + 4 - 1 + 3 - 4 - 4)^3$$

$$965^3 := 898632125 = (-8 + 986 - 3 - 2 - 1 - 2 - 5)^3$$

$$966^3 := 901428696 = (901 - 4 - 2 + 86 - 9 - 6)^3$$

$$967^3 := 904231063 = (904 - 2 + 3 - 1 + 063)^3$$

$$971^3 := 915498611 = (-9 + 1 - 5 - 4 + 986 + 1 + 1)^3$$

$$972^3 := 918330048 = (918 + 3 + 3 + 0048)^3$$

$$973^3 := 921167317 = (921 + 1 + 6 + 7 + 31 + 7)^3$$

$$976^3 := 929714176 = (9 - 2 + 971 - 4 + 1 + 7 - 6)^3$$

$$977^3 := 932574833 = (932 + 57 - 4 - 8 + 3 - 3)^3$$

$$978^3 := 935441352 = (935 + 44 - 1 - 3 + 5 - 2)^3$$

$$979^3 := 938313739 = (938 + 31 - 3 + 7 - 3 + 9)^3$$

$$980^3 := 941192000 = (941 + 19 + 20 + 00)^3$$

$$982^3 := 946966168 = (946 + 9 + 6 + 6 + 1 + 6 + 8)^3$$

$$\begin{aligned}986^2 &:= 972196 = (972 - 1 + 9 + 6)^2 \\986^3 &:= 958585256 = (958 - 5 - 8 + 52 - 5 - 6)^3 \\988^3 &:= 964430272 = (964 - 4 + 3 + 027 - 2)^3 \\989^2 &:= 978121 = (978 + 12 - 1)^2 \\989^3 &:= 967361669 = (967 + 3 + 6 + 16 + 6 - 9)^3 \\990^2 &:= 980100 = (980 + 10 + 0)^2 \\990^3 &:= 970299000 = (970 + 2 + 9 + 9 + 000)^3 \\991^2 &:= 982081 = (982 + 08 + 1)^2 \\991^3 &:= 973242271 = (973 + 2 + 4 + 2 + 2 + 7 + 1)^3 \\992^3 &:= 976191488 = (976 + 19 + 1 - 4 + 8 - 8)^3 \\993^3 &:= 979146657 = (979 + 14 + 6 + 6 - 5 - 7)^3 \\994^3 &:= 982107784 = (982 + 10 + 7 + 7 - 8 - 4)^3 \\996^3 &:= 988047936 = (-9 - 8 + 80 + 4 - 7 + 936)^3 \\997^3 &:= 991026973 = (-9 + 910 + 2 - 6 + 97 + 3)^3 \\998^3 &:= 994011992 = (994 + 01 + 1 + 9 - 9 + 2)^3 \\999^2 &:= 998001 = (998 + 001)^2 \\1001^2 &:= 1002001 = (1002 - 001)^2 \\1001^3 &:= 1003003001 = (1003 - 003 + 001)^3 \\1002^3 &:= 1006012008 = (1006 - 012 + 008)^3 \\1004^3 &:= 1012048064 = (-1 - 01 + 204 + 806 - 4)^3 \\1005^3 &:= 1015075125 = (1015 - 07 + 5 - 1 - 2 - 5)^3 \\1006^3 &:= 1018108216 = (1018 + 1 - 08 + 2 - 1 - 6)^3\end{aligned}$$

$$1007^3 := 1021147343 = (1021 - 1 + 4 - 7 - 3 - 4 - 3)^3$$

$$1008^3 := 1024192512 = (1024 - 1 - 9 + 2 - 5 - 1 - 2)^3$$

$$1009^2 := 1018081 = (1018 - 08 - 1)^2$$

$$1009^3 := 1027243729 = (1 + 0272 + 4 + 3 + 729)^3$$

$$1010^2 := 1020100 = (1020 - 10 + 0)^2$$

$$1010^3 := 1030301000 = (10 + 3 - 03 + 01000)^3$$

$$1011^2 := 1022121 = (1022 - 12 + 1)^2$$

$$1012^3 := 1036433728 = (1036 - 4 - 33 + 7 - 2 + 8)^3$$

$$1013^3 := 1039509197 = (1039 - 50 + 9 - 1 + 9 + 7)^3$$

$$1014^2 := 1028196 = (1028 + 1 - 9 - 6)^2$$

$$1014^3 := 1042590744 = (104 - 2 + 5 + 907 + 4 - 4)^3$$

$$1015^3 := 1045678375 = (1045 - 6 - 7 - 8 + 3 - 7 - 5)^3$$

$$1016^3 := 1048772096 = (104 + 877 + 20 + 9 + 6)^3$$

$$1017^3 := 1051871913 = (105 - 1 + 8 - 7 - 1 + 913)^3$$

$$1018^3 := 1054977832 = (1054 - 9 - 7 - 7 - 8 - 3 - 2)^3$$

$$1019^3 := 1058089859 = (1058 - 08 - 9 - 8 - 5 - 9)^3$$

$$1022^3 := 1067462648 = (10 - 6 + 746 + 264 + 8)^3$$

$$1025^3 := 1076890625 = (1076 + 8 - 90 + 6 + 25)^3$$

$$1026^3 := 1080045576 = (1080 + 04 + 5 - 57 - 6)^3$$

$$1027^3 := 1083206683 = (10 + 8 + 320 + 6 + 683)^3$$

$$1028^3 := 1086373952 = (1 + 08 + 63 + 7 - 3 + 952)^3$$

$$1029^3 := 1089547389 = (-10 - 8 + 954 + 7 - 3 + 89)^3$$

$$1031^3 := 1095912791 = (109 - 5 + 912 + 7 + 9 - 1)^3$$

$$1032^3 := 1099104768 = (-1 + 09 - 9 + 1047 - 6 - 8)^3$$

$$1033^3 := 1102302937 = (-1 + 1023 - 02 + 9 - 3 + 7)^3$$

$$1035^3 := 1108717875 = (1108 - 7 + 17 - 8 - 75)^3$$

$$1036^3 := 1111934656 = (1111 - 9 - 3 - 4 - 65 + 6)^3$$

$$1037^3 := 1115157653 = (1115 + 1 + 5 - 76 - 5 - 3)^3$$

$$1038^3 := 1118386872 = (1118 + 3 - 86 + 8 - 7 + 2)^3$$

$$1039^3 := 1121622319 = (1121 - 62 + 2 - 31 + 9)^3$$

$$\begin{aligned}1044^2 &:= 1089936 &= (1089 - 9 - 36)^2 \\1044^3 &:= 1137893184 &= (11 + 3 + 7 + 8 + 931 + 84)^3 \\ \\1045^3 &:= 1141166125 &= (11 + 411 + 6 + 612 + 5)^3 \\1048^3 &:= 1151022592 &= (-1 + 15 + 1022 + 5 + 9 - 2)^3 \\1049^3 &:= 1154320649 &= (1154 - 32 - 064 - 9)^3 \\1051^3 &:= 1160935651 &= (116 + 0935 + 6 - 5 - 1)^3 \\1052^3 &:= 1164252608 &= (11 + 6 + 425 + 2 + 608)^3 \\1054^3 &:= 1170905464 &= (11 + 70 + 905 + 4 + 64)^3 \\1057^3 &:= 1180932193 &= (118 + 0932 + 1 + 9 - 3)^3 \\1058^2 &:= 1119364 &= (1119 + 3 - 64)^2 \\1061^3 &:= 1194389981 &= (1 + 1 + 943 + 8 + 99 + 8 + 1)^3 \\1062^3 &:= 1197770328 &= (1 + 1 + 977 + 70 + 3 + 2 + 8)^3 \\1065^3 &:= 1207949625 &= (-1 - 2 + 07 + 94 + 962 + 5)^3 \\1066^3 &:= 1211355496 &= (-12 + 1135 - 54 - 9 + 6)^3 \\1067^3 &:= 1214767763 &= (1214 - 7 - 67 - 76 + 3)^3 \\1068^3 &:= 1218186432 &= (1218 - 186 + 4 + 32)^3 \\1069^3 &:= 1221611509 &= (1221 + 6 + 1 - 150 - 9)^3 \\1074^3 &:= 1238833224 &= (-1 + 238 + 833 + 2 - 2 + 4)^3 \\1075^3 &:= 1242296875 &= (-12 + 42 + 2 + 968 + 75)^3 \\1076^3 &:= 1245766976 &= (124 - 5 - 7 - 6 - 6 + 976)^3 \\1077^3 &:= 1249243533 &= (124 + 924 + 35 - 3 - 3)^3 \\1078^3 &:= 1252726552 &= (1 + 2 + 527 + 2 - 6 + 552)^3 \\1078^2 &:= 1162084 &= (1162 - 084)^2 \\1079^3 &:= 1256216039 &= (1256 - 216 + 039)^3 \\1081^3 &:= 1263214441 &= (1 + 2 + 632 + 1 + 444 + 1)^3 \\1082^3 &:= 1266723368 &= (1 + 2 - 6 - 6 + 723 + 368)^3 \\1083^3 &:= 1270238787 &= (-12 + 70 + 238 + 787)^3 \\1084^3 &:= 1273760704 &= (-1 - 2 + 7 + 376 + 0704)^3 \\1086^2 &:= 1179396 &= (1179 + 3 - 96)^2 \\1088^3 &:= 1287913472 &= (12 + 87 + 913 + 4 + 72)^3 \\1091^3 &:= 1298596571 &= (1 - 2 + 985 + 96 + 5 + 7 - 1)^3 \\1095^3 &:= 1312932375 &= (13 - 1293 + 2375)^3 \\ \\1096^2 &:= 1201216 &= (-120 + 1216)^2 \\1096^3 &:= 1316532736 &= (13 - 1653 + 2736)^3\end{aligned}$$

$$\begin{aligned}1098^3 &:= 1323753192 = (1 + 323 + 753 + 19 + 2)^3 \\1102^3 &:= 1338273208 = (-1 - 3 + 382 + 732 - 08)^3 \\1105^3 &:= 1349232625 = (-13 + 492 + 3 - 2 + 625)^3 \\1109^2 &:= 1229881 = (122 + 988 - 1)^2 \\1110^3 &:= 1367631000 = (1 + 36 + 76 - 3 + 1000)^3 \\1112^3 &:= 1375036928 = (137 + 50 + 3 - 6 + 928)^3 \\1114^3 &:= 1382469544 = (138 + 24 - 6 + 954 + 4)^3 \\1115^3 &:= 1386195875 = (138 + 6 + 1 + 958 + 7 + 5)^3 \\1116^3 &:= 1389928896 = (1 + 3 + 8 + 992 + 8 + 8 + 96)^3 \\ \\1123^2 &:= 1261129 = (-12 + 6 + 1129)^2 \\1123^3 &:= 1416247867 = (14 + 1 - 6 + 247 + 867)^3 \\ \\1125^3 &:= 1423828125 = (1423 + 8 - 281 - 25)^3 \\1126^3 &:= 1427628376 = (1 + 4 + 276 + 2 + 837 + 6)^3 \\1133^3 &:= 1454419637 = (1 + 45 + 441 + 9 + 637)^3 \\1139^3 &:= 1477648619 = (1 + 477 + 648 - 6 + 19)^3 \\1144^3 &:= 1497193984 = (1 + 4 + 971 + 93 - 9 + 84)^3 \\1145^3 &:= 1501123625 = (1501 - 1 + 2 - 362 + 5)^3 \\1149^3 &:= 1516910949 = (1 - 5 - 1 + 69 + 1094 - 9)^3 \\1153^3 &:= 1532808577 = (1 + 5 + 3 + 280 + 857 + 7)^3 \\1158^3 &:= 1552836312 = (-1 + 5 + 528 - 3 + 631 - 2)^3 \\1159^3 &:= 1556862679 = (1 + 556 - 8 + 626 - 7 - 9)^3 \\1160^3 &:= 1560896000 = (1 + 560 + 8 - 9 + 600 + 0)^3 \\1162^3 &:= 1568983528 = (156 + 8 + 983 + 5 + 2 + 8)^3 \\1165^3 &:= 1581167125 = (1 - 5 + 8 + 1167 + 1 - 2 - 5)^3 \\1168^3 &:= 1593413632 = (-159 - 34 + 1363 - 2)^3 \\1175^3 &:= 1622234375 = (1622 - 2 - 3 - 437 - 5)^3 \\1176^3 &:= 1626379776 = (162 + 6 + 37 + 977 - 6)^3 \\1178^3 &:= 1634691752 = (163 + 46 + 917 + 52)^3 \\1179^3 &:= 1638858339 = (-1 - 6 - 3 - 8 + 858 + 339)^3 \\1181^3 &:= 1647212741 = (-16 - 4 - 72 + 1274 - 1)^3 \\1183^3 &:= 1655595487 = (1 + 655 - 5 - 9 + 548 - 7)^3 \\1185^3 &:= 1664006625 = (166 + 400 - 6 + 625)^3 \\1189^3 &:= 1680914269 = (1 + 680 + 91 + 426 - 9)^3 \\1191^3 &:= 1689410871 = (1689 - 410 - 87 - 1)^3\end{aligned}$$

$$\begin{aligned}1196^3 &:= 1710777536 = (1 + 7 + 1077 + 75 + 36)^3 \\1198^3 &:= 1719374392 = (1 + 719 + 37 + 439 + 2)^3 \\1204^3 &:= 1745337664 = (-1 - 7 + 453 - 3 + 766 - 4)^3 \\1206^3 &:= 1754049816 = (175 + 40 + 4 + 981 + 6)^3 \\1210^3 &:= 1771561000 = (1771 - 561 + 000)^3 \\1211^3 &:= 1775956931 = (1775 + 9 - 569 - 3 - 1)^3 \\1222^3 &:= 1824793048 = (-1824 + 7 - 9 + 3048)^3 \\1223^2 &:= 1495729 = (-1 + 495 + 729)^2 \\1233^3 &:= 1874516337 = (1 + 874 + 5 + 16 + 337)^3 \\1235^3 &:= 1883652875 = (1883 - 652 - 8 + 7 + 5)^3 \\1238^3 &:= 1897413272 = (-1 - 89 + 7 - 4 + 1327 - 2)^3 \\1241^3 &:= 1911240521 = (1 + 9 - 1 + 1240 - 5 - 2 - 1)^3 \\1244^3 &:= 1925134784 = (-192 + 5 + 1347 + 84)^3 \\1250^3 &:= 1953125000 = (-1 + 9 - 5 - 3 + 1250 + 00)^3 \\1253^3 &:= 1967221277 = (-19 + 6 - 7 - 2 - 2 + 1277)^3 \\1259^3 &:= 1995616979 = (19 - 9 + 561 + 697 - 9)^3 \\1264^3 &:= 2019487744 = (2019 + 4 - 8 - 7 - 744)^3 \\1267^3 &:= 2033901163 = (20 - 3 - 3 + 90 + 1163)^3 \\1286^3 &:= 2126781656 = (2126 - 781 - 65 + 6)^3 \\ \\1287^2 &:= 1656369 = (1656 - 369)^2 \\1287^3 &:= 2131746903 = (21 + 317 + 46 + 903)^3 \\ \\1288^3 &:= 2136719872 = (2 + 1367 - 1 + 9 - 87 - 2)^3 \\1289^3 &:= 2141700569 = (-21 + 41 + 700 + 569)^3 \\1295^3 &:= 2171747375 = (2 + 171 + 747 + 375)^3 \\1298^3 &:= 2186875592 = (-2 + 1868 - 7 - 559 - 2)^3 \\1299^3 &:= 2191933899 = (2 + 1 + 919 - 3 + 389 - 9)^3 \\1309^3 &:= 2242946629 = (2242 - 946 + 6 - 2 + 9)^3 \\1313^3 &:= 2263571297 = (22 - 63 + 57 + 1297)^3 \\1322^3 &:= 2310438248 = (23 + 1043 + 8 + 248)^3 \\1332^3 &:= 2363266368 = (23 + 632 + 663 + 6 + 8)^3 \\1334^2 &:= 1779556 = (-1 + 779 + 556)^2 \\1336^3 &:= 2384621056 = (2384 + 6 + 2 - 1056)^3 \\1341^3 &:= 2411494821 = (24 + 1 + 1 + 494 + 821)^3 \\1342^3 &:= 2416893688 = (-2 + 416 + 8 + 936 - 8 - 8)^3 \\1345^3 &:= 2433138625 = (2 - 43 + 3 + 1386 + 2 - 5)^3\end{aligned}$$

$$\begin{aligned}1346^3 &:= 2438569736 = (-24 + 385 + 6 + 973 + 6)^3 \\1347^3 &:= 2444008923 = (-24 + 440 + 08 + 923)^3 \\1349^3 &:= 2454911549 = (2 + 454 + 911 - 5 - 4 - 9)^3 \\1353^3 &:= 2476813977 = (-2 - 47 + 6 - 8 + 1397 + 7)^3 \\1354^3 &:= 2482309864 = (2 + 482 - 3 + 09 + 864)^3 \\1355^3 &:= 2487813875 = (-2 + 487 + 8 - 13 + 875)^3 \\1359^3 &:= 2509911279 = (250 + 991 + 127 - 9)^3 \\1363^3 &:= 2532139147 = (2 + 5 - 32 + 1391 + 4 - 7)^3 \\ \\1364^2 &:= 1860496 = (1860 - 496)^2 \\1364^3 &:= 2537716544 = (2 + 53 + 771 - 6 + 544)^3 \\ \\1367^3 &:= 2554497863 = (25 + 544 + 9 + 786 + 3)^3 \\1368^3 &:= 2560108032 = (2 + 560 + 1 + 0803 + 2)^3 \\1371^3 &:= 2576987811 = (-2 + 576 + 9 + 8 + 781 - 1)^3 \\1374^3 &:= 2593941624 = (25 + 939 + 416 - 2 - 4)^3 \\1382^3 &:= 2639514968 = (-2 - 6 - 3 - 95 + 1496 - 8)^3 \\1383^3 &:= 2645248887 = (-26 + 4 + 524 + 888 - 7)^3 \\1385^3 &:= 2656741625 = (2 + 6 + 5 + 6 + 741 + 625)^3 \\1387^3 &:= 2668267603 = (26 + 682 + 676 + 03)^3 \\1391^3 &:= 2691419471 = (2 - 6 + 914 + 1 + 9 + 471)^3 \\1397^3 &:= 2726397773 = (-2 + 726 - 3 - 97 + 773)^3 \\1403^3 &:= 2761677827 = (-2 + 7 + 616 + 7 + 782 - 7)^3 \\1404^3 &:= 2767587264 = (-2 - 7 + 675 + 8 + 726 + 4)^3 \\1405^3 &:= 2773505125 = (2 + 773 + 505 + 125)^3 \\1406^3 &:= 2779431416 = (2 - 7 - 7 + 9 - 4 - 3 + 1416)^3 \\1407^3 &:= 2785366143 = (2 + 785 + 3 + 6 + 614 - 3)^3 \\1409^3 &:= 2797260929 = (-2 + 797 - 2 + 609 - 2 + 9)^3 \\1412^3 &:= 2815166528 = (2 + 815 + 1 + 66 + 528)^3 \\1413^3 &:= 2821151997 = (2 - 8 - 2 - 1 + 1519 - 97)^3 \\1414^3 &:= 2827145944 = (-28 - 2 - 7 + 1459 - 4 - 4)^3 \\1417^3 &:= 2845178713 = (28 + 4 + 517 + 871 - 3)^3 \\1421^3 &:= 2869341461 = (28 - 69 - 3 + 4 + 1461)^3 \\1423^3 &:= 2881473967 = (-2 - 8 - 8 + 1 + 473 + 967)^3 \\1429^3 &:= 2918076589 = (-2 + 918 - 076 + 589)^3 \\1431^3 &:= 2930345991 = (2 + 93 + 0345 + 991)^3 \\1433^3 &:= 2942649737 = (-2 + 942 + 6 + 497 - 3 - 7)^3\end{aligned}$$

$$\begin{aligned}1439^3 &:= 2979767519 = (-297 + 976 + 751 + 9)^3 \\1442^3 &:= 2998442888 = (-2 + 998 - 442 + 888)^3 \\1453^3 &:= 3067586677 = (30 - 6 + 758 - 6 + 677)^3 \\1464^3 &:= 3137785344 = (-3 + 1377 + 85 - 3 + 4 + 4)^3 \\1465^3 &:= 3144219625 = (3 + 1442 + 19 - 6 + 2 + 5)^3 \\1467^3 &:= 3157114563 = (3 + 1571 + 1 - 45 - 63)^3 \\1470^3 &:= 3176523000 = (3 + 1765 + 2 - 300 + 0)^3 \\1476^3 &:= 3215578176 = (-3 + 2 + 1557 - 81 + 7 - 6)^3 \\1481^3 &:= 3248367641 = (3 - 2 - 4 + 836 + 7 + 641)^3 \\1483^3 &:= 3261545587 = (-3 - 2 - 6 + 1545 - 58 + 7)^3 \\1484^3 &:= 3268147904 = (-3 - 2 + 6 + 8 + 1479 - 04)^3 \\1489^3 &:= 3301293169 = (-3 + 30 + 1293 + 169)^3 \\1491^3 &:= 3314613771 = (-33 + 146 + 1377 + 1)^3 \\1496^3 &:= 3348071936 = (33 - 480 + 7 + 1936)^3 \\1498^3 &:= 3361517992 = (-33 - 6 + 1517 + 9 + 9 + 2)^3 \\1503^3 &:= 3395290527 = (33 + 952 - 9 + 0527)^3 \\1516^3 &:= 3484156096 = (-3 - 48 + 4 + 1560 + 9 - 6)^3 \\1525^3 &:= 3546578125 = (-3 + 54 + 657 + 812 + 5)^3 \\1526^3 &:= 3553559576 = (35 + 535 + 5 + 957 - 6)^3 \\1529^3 &:= 3574558889 = (3 + 574 + 55 + 888 + 9)^3 \\1530^3 &:= 3581577000 = (3 + 5 + 815 + 7 + 700 + 0)^3 \\1535^3 &:= 3616805375 = (361 - 6 + 805 + 375)^3 \\1536^3 &:= 3623878656 = (-3 + 6 + 2 - 3 + 878 + 656)^3 \\1539^3 &:= 3645153819 = (-3 - 6 - 4 - 5 + 1538 + 19)^3 \\1542^3 &:= 3666512088 = (-3666 + 5120 + 88)^3 \\1554^3 &:= 3752779464 = (3 + 752 + 7 + 794 - 6 + 4)^3 \\1556^3 &:= 3767287616 = (-3 + 76 + 728 + 761 - 6)^3 \\1561^3 &:= 3803721481 = (3 + 8 - 03 + 72 + 1481)^3 \\1564^3 &:= 3825694144 = (-3 - 8 - 2569 + 4144)^3 \\1568^3 &:= 3855122432 = (3 - 855 - 12 + 2432)^3 \\1572^3 &:= 3884701248 = (-3 + 884 + 701 + 2 - 4 - 8)^3 \\1573^3 &:= 3892119517 = (-38 + 9 + 2119 - 517)^3 \\1574^3 &:= 3899547224 = (3 + 899 - 54 + 722 + 4)^3 \\1578^3 &:= 3929352552 = (-3 + 92 + 935 + 2 + 552)^3 \\1585^3 &:= 3981876625 = (3 - 9 + 818 + 766 + 2 + 5)^3 \\1589^3 &:= 4012099469 = (-40 - 1 + 2099 - 469)^3\end{aligned}$$

$$\begin{aligned}1592^3 &:= 4034866688 = (4 + 034 + 866 + 688)^3 \\1602^3 &:= 4111379208 = (4 + 11 + 1379 + 208)^3 \\1605^3 &:= 4134520125 = (-413 - 4 + 5 + 2012 + 5)^3 \\1611^3 &:= 4181062131 = (418 + 1062 + 131)^3 \\1617^3 &:= 4227952113 = (-422 - 79 + 5 + 2113)^3 \\1622^3 &:= 4267293848 = (42 + 6 + 729 - 3 + 848)^3 \\1623^3 &:= 4275191367 = (-42 + 751 + 913 - 6 + 7)^3 \\1625^3 &:= 4291015625 = (-4 - 2 - 9 + 1015 + 625)^3 \\1628^3 &:= 4314825152 = (-4 + 3 + 1482 - 5 + 152)^3 \\1637^3 &:= 4386781853 = (4 - 3 + 8 - 6 + 781 + 853)^3 \\1665^3 &:= 4615754625 = (461 + 575 + 4 + 625)^3 \\1682^3 &:= 4758586568 = (-4 + 758 - 5 + 865 + 68)^3 \\1683^3 &:= 4767078987 = (4 + 767 + 07 + 898 + 7)^3 \\1684^3 &:= 4775581504 = (47 + 75 + 58 + 1504)^3 \\1694^3 &:= 4861163384 = (4 + 8 + 61 + 1633 - 8 - 4)^3 \\1697^3 &:= 4887035873 = (-48 + 870 - 3 + 5 + 873)^3 \\1701^3 &:= 4921675101 = (4 + 9 + 2 + 1675 + 10 + 1)^3 \\1702^3 &:= 4930360408 = (4 + 930 + 360 + 408)^3 \\1702^2 &:= 2896804 = (2 + 896 + 804)^2 \\1704^3 &:= 4947761664 = (4 + 947 + 761 - 6 - 6 + 4)^3 \\1712^3 &:= 5017776128 = (-50 + 1777 - 6 + 1 - 2 - 8)^3 \\1722^3 &:= 5106219048 = (-510 - 6 + 2190 + 48)^3 \\1729^3 &:= 5168743489 = (5 + 1687 + 4 + 34 + 8 - 9)^3 \\1730^3 &:= 5177717000 = (51 - 7 - 7 - 7 + 1700 + 0)^3 \\1731^3 &:= 5186700891 = (-5186 + 7008 - 91)^3 \\1736^3 &:= 5231776256 = (-52 + 3 + 1776 - 2 + 5 + 6)^3 \\1737^2 &:= 3017169 = (30 + 1716 - 9)^2 \\1741^3 &:= 5277112021 = (-5 - 277 + 1 + 1 + 2021)^3 \\1746^3 &:= 5322708936 = (532 + 270 + 8 + 936)^3 \\1765^3 &:= 5498372125 = (54 + 983 + 721 + 2 + 5)^3 \\1767^3 &:= 5517084663 = (5 + 5 + 1708 + 46 + 6 - 3)^3 \\1767^3 &:= 5517084663 = (-5 + 5 + 1708 - 4 + 66 - 3)^3 \\1772^3 &:= 5564051648 = (55 + 64 + 05 + 1648)^3 \\1776^3 &:= 5601816576 = (5 + 6 + 01816 - 57 + 6)^3 \\1778^3 &:= 5620762952 = (5 - 6 + 2076 - 295 - 2)^3 \\1782^2 &:= 3175524 = (3 + 1755 + 24)^2\end{aligned}$$

$$\begin{aligned}1799^3 &:= 5822285399 = (-582 + 2285 - 3 + 99)^3 \\1801^3 &:= 5841725401 = (-5 + 84 + 1725 - 4 + 01)^3 \\1809^3 &:= 5919918129 = (5 - 9 + 19 - 9 + 1812 - 9)^3 \\1812^3 &:= 5949419328 = (-5 - 94 - 9 - 4 + 1932 - 8)^3 \\1815^3 &:= 5979018375 = (5 + 979 - 01 + 837 - 5)^3 \\1817^3 &:= 5998805513 = (5 + 998 + 805 + 5 + 1 + 3)^3 \\1831^3 &:= 6138539191 = (61 - 3 + 853 + 919 + 1)^3 \\1834^3 &:= 6168761704 = (61 + 68 + 7 - 6 + 1704)^3 \\1835^3 &:= 6178857875 = (-6 + 1788 + 57 + 8 - 7 - 5)^3 \\1837^3 &:= 6199083253 = (6 + 1 + 990 + 832 + 5 + 3)^3 \\1838^3 &:= 6209212472 = (-6 + 2092 + 1 - 247 - 2)^3 \\1848^3 &:= 6311112192 = (631 + 1 - 1 + 1219 - 2)^3 \\1866^3 &:= 6497329896 = (-6 - 4 + 973 - 2 + 9 + 896)^3 \\1868^3 &:= 6518244032 = (-6 + 5 + 1824 + 40 + 3 + 2)^3 \\1869^3 &:= 6528717909 = (-6 + 5 + 2 + 87 + 1790 - 9)^3 \\1875^3 &:= 6591796875 = (65 + 917 + 968 - 75)^3 \\1885^3 &:= 6697829125 = (-6 - 6 + 978 + 2 + 912 + 5)^3 \\1891^3 &:= 6761990971 = (-6 - 76 + 1990 - 9 - 7 - 1)^3 \\1903^3 &:= 6891541327 = (689 + 1541 - 327)^3 \\1906^3 &:= 6924185416 = (69 - 24 + 1854 + 1 + 6)^3 \\1909^3 &:= 6956932429 = (6 + 956 + 932 + 4 + 2 + 9)^3 \\1911^3 &:= 6978821031 = (-6 - 97 - 88 + 2103 - 1)^3 \\1918^3 &:= 7055792632 = (705 + 579 + 2 + 632)^3 \\1937^2 &:= 3751969 = (-37 + 5 + 1969)^2 \\1948^3 &:= 7392083392 = (-7 - 39 + 2083 + 3 - 92)^3 \\1972^3 &:= 7668682048 = (-76 + 6 + 8 - 6 - 8 + 2048)^3 \\1974^3 &:= 7692038424 = (7 - 69 + 2038 + 4 - 2 - 4)^3 \\1977^3 &:= 7727161833 = (77 + 2 + 71 - 6 + 1833)^3 \\1980^3 &:= 7762392000 = (7 - 7 - 6 - 2 - 3 - 9 + 2000)^3 \\1984^3 &:= 7809531904 = (7 + 80 - 9 + 5 - 3 + 1904)^3 \\1997^3 &:= 7964053973 = (7 + 964 + 053 + 973)^3 \\1998^3 &:= 7976023992 = (7 + 976 + 023 + 992)^3 \\1999^3 &:= 7988005999 = (7 + 988 + 005 + 999)^3 \\2002^3 &:= 8024024008 = (8 + 02402 - 400 - 8)^3 \\2019^3 &:= 8230172859 = (-823 - 017 + 2859)^3 \\2023^3 &:= 8279186167 = (82 + 79 + 1861 - 6 + 7)^3\end{aligned}$$

$$\begin{aligned}2031^3 &:= 8377795791 = (8 - 3777 + 9 + 5791)^3 \\2047^3 &:= 8577357823 = (-8 - 5773 + 5 + 7823)^3 \\2066^3 &:= 8818423496 = (881 + 842 + 349 - 6)^3 \\2080^3 &:= 8998912000 = (89 + 9 - 8 - 9 - 1 + 2000)^3 \\2096^3 &:= 9208180736 = (9 + 2081 + 8 + 07 - 3 - 6)^3 \\2101^3 &:= 9274236301 = (-9 + 2742 - 3 - 630 + 1)^3 \\2127^3 &:= 9622822383 = (-96 - 2 - 2 - 8 + 2238 - 3)^3 \\2131^3 &:= 9677214091 = (9 + 6 - 7 - 7 + 2140 - 9 - 1)^3 \\2134^3 &:= 9718142104 = (9 + 7 + 1 + 8 + 1 + 4 + 2104)^3 \\2151^3 &:= 9952248951 = (-99 + 5 + 2248 - 9 + 5 + 1)^3 \\2165^3 &:= 10147842125 = (-10 - 1 + 47 + 8 - 4 + 2125)^3 \\2191^3 &:= 10517853871 = (105 - 1785 + 3871)^3 \\2205^3 &:= 10720765125 = (107 + 2076 + 5 + 12 + 5)^3 \\2212^3 &:= 10823192128 = (108 - 2 - 31 + 9 + 2128)^3 \\2217^3 &:= 10896752313 = (-1 - 089 + 6 - 7 - 5 + 2313)^3 \\2223^2 &:= 4941729 = (494 + 1729)^2 \\2233^3 &:= 11134383337 = (-1113 + 4 - 3 + 8 + 3337)^3 \\2239^3 &:= 11224377919 = (11 + 2243 - 7 - 7 + 9 - 1 - 9)^3 \\2243^3 &:= 11284642907 = (-1128 + 464 + 2907)^3 \\2244^3 &:= 11299742784 = (-11 + 2997 + 42 - 784)^3 \\2251^3 &:= 11405819251 = (1 + 1405 + 819 + 25 + 1)^3 \\2253^3 &:= 11436248277 = (-1 + 1436 + 2 - 4 + 827 - 7)^3 \\2262^3 &:= 11573848728 = (1 + 1573 + 8 - 48 + 728)^3 \\2268^3 &:= 11666192832 = (-11 + 66 - 619 + 2832)^3 \\2269^3 &:= 11681631109 = (1168 + 1 - 6 - 3 + 1109)^3 \\2271^3 &:= 11712548511 = (-1 - 1 + 7125 - 4851 - 1)^3 \\2278^3 &:= 11821188952 = (11 + 8 + 2118 + 89 + 52)^3 \\2284^3 &:= 11914842304 = (-1 - 1 - 9 - 1 + 4 - 8 - 4 + 2304)^3 \\2287^3 &:= 11961853903 = (1196 + 185 + 3 + 903)^3 \\2291^3 &:= 12024728171 = (1 + 2024 - 7 + 281 - 7 - 1)^3 \\2293^3 &:= 12056247757 = (-1 + 2056 + 247 - 7 + 5 - 7)^3 \\2295^3 &:= 12087822375 = (-1 + 2 - 087 + 8 - 2 + 2375)^3 \\2303^3 &:= 12214672127 = (1 + 2214 + 6 + 72 + 1 + 2 + 7)^3 \\2305^3 &:= 12246522625 = (1 + 2246 + 5 - 2 - 2 + 62 - 5)^3 \\2306^3 &:= 12262468616 = (1 + 2262 + 46 + 8 - 6 + 1 - 6)^3 \\2308^3 &:= 12294402112 = (-1 + 2294 + 4 + 02 + 11 - 2)^3\end{aligned}$$

$$\begin{aligned} 2311^3 &:= 12342406231 = (-1 + 2342 - 40 + 6 + 2 + 3 - 1)^3 \\ 2312^3 &:= 12358435328 = (-1 + 2358 - 43 + 5 + 3 - 2 - 8)^3 \\ 2313^3 &:= 12374478297 = (-1 + 2374 + 4 - 78 - 2 + 9 + 7)^3 \\ 2314^3 &:= 12390535144 = (-1 + 2390 + 5 - 35 - 1 - 44)^3 \\ 2316^3 &:= 12422690496 = (1 + 2422 - 6 - 90 + 4 - 9 - 6)^3 \\ 2320^3 &:= 12487168000 = (1 + 2487 - 168 + 000)^3 \\ 2321^3 &:= 12503322161 = (125 + 033 + 2 + 2161)^3 \\ 2322^3 &:= 12519490248 = (125 + 1949 + 0248)^3 \\ 2323^3 &:= 12535672267 = (1 - 2 + 53 + 5 + 6 - 7 + 2267)^3 \\ 2332^3 &:= 12681938368 = (-1 + 2681 + 9 + 3 + 8 - 368)^3 \\ 2339^3 &:= 12796484219 = (1279 + 648 + 421 - 9)^3 \\ 2343^3 &:= 12862247607 = (-1 - 2 + 86 + 2247 + 6 + 07)^3 \\ 2344^3 &:= 12878723584 = (-12 + 8 - 7 + 8 - 7 + 2358 - 4)^3 \\ 2347^3 &:= 12928235923 = (12 - 9 - 2 - 8 + 2359 - 2 - 3)^3 \\ 2357^3 &:= 13094193293 = (-1 - 3 - 0941 + 9 + 3293)^3 \\ 2364^3 &:= 13211204544 = (-1 + 321 - 1 + 2045 + 4 - 4)^3 \\ 2365^3 &:= 13227977125 = (13 + 2279 + 77 - 1 + 2 - 5)^3 \\ 2366^3 &:= 13244763896 = (1 + 3 + 2447 + 6 - 3 + 8 - 96)^3 \\ 2376^3 &:= 13413413376 = (-1341 + 341 + 3376)^3 \\ 2377^3 &:= 13430356633 = (1 + 3 + 4 + 3035 - 663 - 3)^3 \\ 2379^3 &:= 13464285939 = (-1 - 3 - 464 + 2859 - 3 - 9)^3 \\ 2381^3 &:= 13498272341 = (1 + 3 + 49 - 8 + 2 - 7 + 2341)^3 \\ 2383^3 &:= 13532315887 = (-13 + 5 - 3 + 2315 - 8 + 87)^3 \\ 2384^3 &:= 13549359104 = (1354 + 935 + 91 + 04)^3 \\ 2391^3 &:= 13669062471 = (1 + 3 + 6 + 6 - 90 - 6 + 2471)^3 \\ 2395^3 &:= 13737779875 = (1 + 3 + 737 + 779 + 875)^3 \\ 2397^3 &:= 13772224773 = (1 + 3 - 77 - 2 - 2 + 2477 - 3)^3 \\ 2404^3 &:= 13893235264 = (-1 + 3 - 8 - 9 + 3 + 2352 + 64)^3 \\ 2406^3 &:= 13927939416 = (-1 + 39 + 2793 - 9 - 416)^3 \\ 2408^3 &:= 13962701312 = (1 + 3 + 9 + 6 + 2701 - 312)^3 \\ 2411^3 &:= 14014952531 = (1401 + 4 + 952 + 53 + 1)^3 \\ 2413^3 &:= 14049858997 = (1404 - 9 + 8 + 5 + 8 + 997)^3 \\ 2415^3 &:= 14084823375 = (1 - 4 + 084 - 8 + 2337 + 5)^3 \\ 2416^3 &:= 14102327296 = (1 + 4 - 10 + 2327 - 2 + 96)^3 \\ 2417^3 &:= 14119845713 = (-141 + 1984 + 571 + 3)^3 \\ 2419^3 &:= 14154926059 = (-141 - 5 - 49 + 2605 + 9)^3 \end{aligned}$$

$$\begin{aligned}2424^3 &:= 14242881024 = (-1 - 4 + 2428 + 8 - 1 - 02 - 4)^3 \\2429^3 &:= 14331199589 = (1433 + 1 + 1 + 995 + 8 - 9)^3 \\2434^3 &:= 14419882504 = (14 - 4 - 1 + 9 - 88 + 2504)^3 \\2435^3 &:= 14437662875 = (1 - 4 - 437 + 6 - 6 + 2875)^3 \\2438^3 &:= 14491091672 = (1449 + 1 + 0916 + 72)^3 \\2442^3 &:= 14562534888 = (1 + 4 + 5 - 6 + 2534 - 88 - 8)^3 \\2443^3 &:= 14580432307 = (145 - 8 - 04 + 3 + 2307)^3 \\2446^3 &:= 14634212536 = (14 - 63 - 42 + 1 + 2536)^3 \\2449^3 &:= 14688124849 = (1 - 4 - 6 - 8 - 8 - 1 + 2484 - 9)^3 \\2451^3 &:= 14724139851 = (1 - 4 + 7 + 2413 - 9 - 8 + 51)^3 \\2457^3 &:= 14832537993 = (1 + 4 + 8 + 3 + 2537 - 99 + 3)^3 \\2458^3 &:= 14850655912 = (1485 + 06 + 55 + 912)^3 \\2462^3 &:= 14923275128 = (149 + 2327 - 5 + 1 - 2 - 8)^3 \\2464^3 &:= 14959673344 = (1495 + 967 - 3 - 3 + 4 + 4)^3 \\2465^3 &:= 14977894625 = (1497 + 7 + 8 + 946 + 2 + 5)^3 \\2473^3 &:= 15124197817 = (-15 - 1 + 2419 + 78 - 1 - 7)^3 \\2474^3 &:= 15142552424 = (1 + 51 - 4 + 2 + 5 - 5 + 2424)^3 \\2475^3 &:= 15160921875 = (-1 - 5 + 1609 - 2 - 1 + 875)^3 \\2476^3 &:= 15179306176 = (1517 + 930 + 6 + 17 + 6)^3 \\2482^3 &:= 15289924168 = (1 - 5 - 2 + 89 - 9 + 2416 - 8)^3 \\2483^3 &:= 15308412587 = (-153 + 08 + 41 + 2587)^3 \\2487^3 &:= 15382515303 = (-1 + 5 - 38 + 2515 + 3 + 03)^3 \\2490^3 &:= 15438249000 = (15 - 4 - 3 - 8 + 2490 + 00)^3 \\2503^3 &:= 15681317527 = (-1 + 5 - 681 + 3175 - 2 + 7)^3 \\2510^3 &:= 15813251000 = (1 - 5 + 8 - 1 - 3 + 2510 + 00)^3 \\2514^3 &:= 15888972744 = (-158 - 88 + 9 + 7 + 2744)^3 \\2516^3 &:= 15926924096 = (1 + 5 + 92 + 6 + 9 + 2409 - 6)^3 \\2517^3 &:= 15945922413 = (-1 + 5 + 94 - 5 + 9 + 2 + 2413)^3 \\2518^3 &:= 15964935832 = (1596 - 4 + 935 - 8 - 3 + 2)^3 \\2524^3 &:= 16079333824 = (1607 + 93 + 3 - 3 + 824)^3 \\2526^3 &:= 16117587576 = (16 + 1 + 1758 + 757 - 6)^3 \\2527^3 &:= 16136737183 = (1613 - 6 + 737 + 183)^3 \\2528^3 &:= 16155901952 = (16 + 1559 + 01 + 952)^3 \\2529^3 &:= 16175081889 = (1617 + 5 + 0818 + 89)^3 \\2532^3 &:= 16232712768 = (-162 + 3 + 2712 - 7 - 6 - 8)^3 \\2533^3 &:= 16251953437 = (16 + 2519 - 5 + 3 + 4 + 3 - 7)^3\end{aligned}$$

$$\begin{aligned} 2534^3 &:= 16271209304 = (1627 + 1 - 20 + 930 - 4)^3 \\ 2537^3 &:= 16329068153 = (1632 + 906 + 8 - 1 - 5 - 3)^3 \\ 2539^3 &:= 16367716819 = (1636 + 77 + 1 + 6 + 819)^3 \\ 2541^3 &:= 16406426421 = (-164 + 064 + 2642 - 1)^3 \\ 2548^3 &:= 16542390592 = (1 + 6 + 54 + 2390 + 5 + 92)^3 \\ 2552^3 &:= 16620420608 = (-1662 + 04206 + 08)^3 \\ 2555^3 &:= 16679103875 = (1667 + 9 + 1 + 03 + 875)^3 \\ 2556^3 &:= 16698695616 = (1669 + 869 + 5 + 6 + 1 + 6)^3 \\ 2558^3 &:= 16737925112 = (1 + 67 - 3 - 7 - 9 + 2511 - 2)^3 \\ 2563^3 &:= 16836267547 = (-168 + 3 + 6 + 2675 + 47)^3 \\ 2564^3 &:= 16855982144 = (1685 + 5 + 9 + 821 + 44)^3 \\ 2567^3 &:= 16915218263 = (1691 + 52 + 1 + 826 - 3)^3 \\ 2567^3 &:= 16915218263 = (1 + 691 + 52 + 1826 - 3)^3 \\ 2572^3 &:= 17014253248 = (-1 + 7 - 014 + 2532 + 48)^3 \\ 2582^3 &:= 17213481368 = (1721 + 34 + 813 + 6 + 8)^3 \\ 2584^3 &:= 17253512704 = (17 + 2535 + 1 + 27 + 04)^3 \\ 2589^3 &:= 17353862469 = (1735 + 3 + 862 + 4 - 6 - 9)^3 \\ 2592^3 &:= 17414258688 = (-17 + 4 - 1 + 4 + 2586 + 8 + 8)^3 \\ 2593^3 &:= 17434421857 = (1743 - 4 - 4 + 2 - 1 + 857)^3 \\ 2607^3 &:= 17718342543 = (1 + 77 + 1 - 8 - 3 - 4 + 2543)^3 \\ 2609^3 &:= 17759152529 = (1 + 77 + 5 - 9 + 1 + 5 + 2529)^3 \\ 2611^3 &:= 17800025131 = (17 + 80 + 002513 + 1)^3 \\ 2615^3 &:= 17881958375 = (1788 - 1 - 9 + 5 + 837 - 5)^3 \\ 2615^3 &:= 17881958375 = (1788 - 1 - 9 - 5 + 837 + 5)^3 \\ 2619^3 &:= 17964142659 = (1 + 7 - 9 + 6 - 41 - 4 + 2659)^3 \\ 2622^3 &:= 18025945848 = (1 - 8 + 02594 - 5 - 8 + 48)^3 \\ 2627^3 &:= 18129265883 = (-18 - 1 + 2 - 9 + 2658 - 8 + 3)^3 \\ 2635^3 &:= 18295397875 = (1829 - 53 - 9 - 7 + 875)^3 \\ 2637^3 &:= 18337088853 = (1833 + 708 + 88 + 5 + 3)^3 \\ 2638^3 &:= 18357958072 = (1835 + 795 + 80 - 72)^3 \\ 2639^3 &:= 18378843119 = (-18 - 378 - 84 + 3119)^3 \\ 2643^3 &:= 18462541707 = (1 - 8 + 46 + 2541 + 70 - 7)^3 \\ 2646^3 &:= 18525482136 = (1 + 85 + 2548 + 2 + 1 + 3 + 6)^3 \\ 2654^3 &:= 18694022264 = (-1 - 8 + 6 - 9 + 402 + 2264)^3 \\ 2661^3 &:= 18842330781 = (1884 + 2 - 3 - 3 + 0781)^3 \\ 2665^3 &:= 18927429625 = (-1 + 8 + 9 + 2742 - 96 - 2 + 5)^3 \end{aligned}$$

$$\begin{aligned} 2666^3 &:= 18948744296 = (1894 + 874 - 4 - 2 - 96)^3 \\ 2670^3 &:= 19034163000 = (-1 + 90 - 3 - 416 + 3000)^3 \\ 2672^3 &:= 19076968448 = (1907 + 69 + 684 + 4 + 8)^3 \\ 2676^3 &:= 19162771776 = (-19 + 1 + 6 + 2771 - 77 - 6)^3 \\ 2677^3 &:= 19184262733 = (19 + 1 - 84 + 2 + 6 + 2733)^3 \\ 2679^3 &:= 19227292839 = (1 - 9 - 2 + 2729 - 28 - 3 - 9)^3 \\ 2681^3 &:= 19270387241 = (1 - 9 + 2703 - 8 - 7 - 2 + 4 - 1)^3 \\ 2683^3 &:= 19313545987 = (-1 + 9 + 3135 - 459 - 8 + 7)^3 \\ 2685^3 &:= 19356769125 = (19 + 3567 + 6 - 912 + 5)^3 \\ 2688^3 &:= 19421724672 = (1 + 9 - 4 + 217 + 2467 - 2)^3 \\ 2691^3 &:= 19486825371 = (1 + 94 - 8 + 68 + 2537 - 1)^3 \\ 2695^3 &:= 19573852375 = (1 - 9 - 57 + 385 + 2375)^3 \\ 2696^2 &:= 7268416 = (7 + 2684 - 1 + 6)^2 \\ 2697^3 &:= 19617462873 = (1961 + 746 + 2 - 8 - 7 + 3)^3 \\ 2698^3 &:= 19639292392 = (1 - 96 + 392 + 9 + 2392)^3 \\ 2702^3 &:= 19726772408 = (-1 + 9 + 7 + 2677 - 2 + 4 + 08)^3 \\ 2705^3 &:= 19792552625 = (-19 + 7 + 92 + 5 - 5 + 2625)^3 \\ 2707^3 &:= 19836487243 = (1983 - 6 + 487 + 243)^3 \\ 2709^3 &:= 19880486829 = (1988 + 048 + 682 - 9)^3 \\ 2710^3 &:= 19902511000 = (199 + 02511 + 000)^3 \\ 2716^3 &:= 20034997696 = (-20 + 03499 - 769 + 6)^3 \\ 2717^3 &:= 20057135813 = (2005 + 713 - 5 + 8 - 1 - 3)^3 \\ 2718^3 &:= 20079290232 = (-200 - 7 - 9 + 2902 + 32)^3 \\ 2722^3 &:= 20168071048 = (2016 + 8 + 0710 - 4 - 8)^3 \\ 2724^3 &:= 20212559424 = (202 + 1 + 2559 - 42 + 4)^3 \\ 2727^3 &:= 20279414583 = (2 + 02794 - 14 - 58 + 3)^3 \\ \\ 2728^2 &:= 7441984 = (744 + 1984)^2 \\ 2728^3 &:= 20301732352 = (2030 - 1 + 732 - 35 + 2)^3 \\ \\ 2732^3 &:= 20391167168 = (2039 + 1 - 16 + 716 - 8)^3 \\ 2733^3 &:= 20413566837 = (2041 + 3 + 5 - 6 + 683 + 7)^3 \\ 2734^3 &:= 20435982904 = (-204 + 35 - 9 + 8 + 2904)^3 \\ 2737^3 &:= 20503329553 = (-2 - 0503 + 3295 - 53)^3 \\ 2745^3 &:= 20683643625 = (2068 + 3 + 643 + 6 + 25)^3 \\ 2746^3 &:= 20706256936 = (2070 + 625 + 6 + 9 + 36)^3 \\ 2747^3 &:= 20728886723 = (-207 + 2888 + 67 + 2 - 3)^3 \end{aligned}$$

$$\begin{aligned} 2751^3 &:= 20819570751 = (2081 + 9 + 5 + 707 - 51)^3 \\ 2752^3 &:= 20842283008 = (-20 - 8 - 42 + 2830 - 08)^3 \\ 2756^3 &:= 20933297216 = (-209 + 3 - 3 + 2972 - 1 - 6)^3 \\ 2761^3 &:= 21047437081 = (2104 - 7 - 43 + 708 - 1)^3 \\ 2764^3 &:= 21116119744 = (2111 + 611 - 9 + 7 + 44)^3 \\ 2771^3 &:= 21276960011 = (-2 - 1 + 2769 - 6 + 0011)^3 \\ 2781^3 &:= 21508145541 = (2150 + 81 + 4 + 5 + 541)^3 \\ 2782^3 &:= 21531355768 = (2153 + 1 + 3 + 557 + 68)^3 \\ 2783^3 &:= 21554582687 = (-21 + 55 + 4 + 58 + 2687)^3 \\ 2784^3 &:= 21577826304 = (2157 + 7 - 8 + 2 + 630 - 4)^3 \\ 2786^3 &:= 21624363656 = (2162 - 4 + 3 + 636 - 5 - 6)^3 \\ \\ 2798^2 &:= 7828804 = (-78 + 2880 - 4)^2 \\ 2798^3 &:= 21904993592 = (-2 + 1904 + 993 - 5 - 92)^3 \\ \\ 2799^3 &:= 21928488399 = (2 + 1928 + 4 + 883 - 9 - 9)^3 \\ 2801^3 &:= 21975528401 = (-2 - 19 - 7 - 5 - 5 + 2840 - 1)^3 \\ 2802^3 &:= 21999073608 = (2199 - 9 + 07 - 3 + 608)^3 \\ 2806^3 &:= 22093422616 = (220 + 9 + 3 - 42 + 2616)^3 \\ 2807^3 &:= 22117051943 = (2211 + 70 + 519 + 4 + 3)^3 \\ 2811^3 &:= 22211737731 = (2 - 2 + 2117 - 37 + 731)^3 \\ 2814^3 &:= 22282929144 = (-2 - 2 + 2829 - 2 + 9 - 14 - 4)^3 \\ 2817^3 &:= 22354272513 = (2 + 2 + 3542 - 725 - 1 - 3)^3 \\ 2821^3 &:= 22449633661 = (-2 + 2449 + 6 + 3 + 366 - 1)^3 \\ 2824^3 &:= 22521332224 = (2 + 2521 + 3 + 322 - 24)^3 \\ 2825^3 &:= 22545265625 = (2 + 2545 + 265 + 6 + 2 + 5)^3 \\ 2826^3 &:= 22569215976 = (22 + 569 + 2159 + 76)^3 \\ 2832^3 &:= 22713274368 = (-2 + 27 - 1 - 3 + 2743 + 68)^3 \\ 2834^3 &:= 22761429704 = (2 + 2761 + 4 + 2 - 9 + 70 + 4)^3 \\ 2835^3 &:= 22785532875 = (-22 - 7 - 8 + 5 - 5 - 3 + 2875)^3 \\ 2836^3 &:= 22809653056 = (2 + 2809 + 6 + 5 + 3 + 05 + 6)^3 \\ 2837^3 &:= 22833790253 = (-2 + 2833 + 7 + 9 - 02 - 5 - 3)^3 \\ 2839^3 &:= 22882115719 = (2 + 2882 + 1 + 1 - 57 + 1 + 9)^3 \\ 2841^3 &:= 22930509321 = (2 + 2930 + 5 - 093 - 2 - 1)^3 \\ 2842^3 &:= 22954731688 = (2 + 2954 - 7 - 31 - 68 - 8)^3 \\ 2843^3 &:= 22978971107 = (-2 + 2978 - 9 - 7 - 110 - 7)^3 \\ 2854^3 &:= 23246731864 = (2 + 3 + 2467 + 318 + 64)^3 \end{aligned}$$

$$\begin{aligned} 2855^3 &:= 23271176375 = (2 - 3 + 2711 + 7 + 63 + 75)^3 \\ 2856^3 &:= 23295638016 = (2 - 3 + 2956 - 3 - 80 - 16)^3 \\ 2860^3 &:= 23393656000 = (2 + 3393 + 65 - 600 + 0)^3 \\ 2862^3 &:= 23442767928 = (-2 - 3 + 4 - 4 + 2767 + 92 + 8)^3 \\ 2863^3 &:= 23467349647 = (2346 + 7 + 3 + 496 + 4 + 7)^3 \\ 2864^3 &:= 23491948544 = (2349 + 19 - 48 + 544)^3 \\ 2870^3 &:= 23639903000 = (2 - 36 + 3 - 99 + 03000)^3 \\ 2871^3 &:= 23664622311 = (-2 + 3 - 6 + 646 + 2231 - 1)^3 \\ 2872^3 &:= 23689358848 = (-23 - 689 + 3588 + 4 - 8)^3 \\ 2879^3 &:= 23862997439 = (-2 + 3862 - 997 + 4 + 3 + 9)^3 \\ 2880^3 &:= 23887872000 = (-2 + 3 + 8 + 878 - 7 + 2000)^3 \\ 2881^3 &:= 23912763841 = (23 + 9 + 1 + 2763 + 84 + 1)^3 \\ 2882^3 &:= 23937672968 = (-2 + 3 - 93 + 7 + 6 - 7 + 2968)^3 \\ 2889^3 &:= 24112521369 = (2411 + 2 + 521 - 36 - 9)^3 \\ 2894^3 &:= 24237932984 = (-2 + 42 - 37 - 93 + 2984)^3 \\ 2896^3 &:= 24288219136 = (2 + 4 + 2882 + 1 + 9 + 1 + 3 - 6)^3 \\ 2897^3 &:= 24313388273 = (2431 + 3 + 388 + 2 + 73)^3 \\ 2899^3 &:= 24363778699 = (2436 + 377 + 86 + 9 - 9)^3 \\ 2913^3 &:= 24718462497 = (2471 - 8 + 462 + 4 - 9 - 7)^3 \\ 2915^3 &:= 24769410875 = (2476 + 9 + 410 + 8 + 7 + 5)^3 \\ 2917^3 &:= 24820429213 = (2482 + 0429 + 2 + 1 + 3)^3 \\ 2922^3 &:= 24948281448 = (-2 + 4 + 94 + 8 + 2814 - 4 + 8)^3 \\ 2925^3 &:= 25025203125 = (-250 - 2 + 52 + 03125)^3 \\ 2929^3 &:= 25128011089 = (-2 + 51 + 2801 - 10 + 89)^3 \\ 2935^3 &:= 25282750375 = (25 + 2827 + 5 + 03 + 75)^3 \\ 2937^3 &:= 25334470953 = (2533 - 4 + 470 - 9 - 53)^3 \\ 2944^3 &:= 25516048384 = (2551 - 6 + 0483 - 84)^3 \\ 2955^3 &:= 25803133875 = (2580 - 3 - 1 - 3 + 387 - 5)^3 \\ 2956^3 &:= 25829338816 = (-2 - 58 + 2933 + 88 + 1 - 6)^3 \\ 2960^3 &:= 25934336000 = (2593 + 4 + 3 + 360 + 00)^3 \\ 2961^3 &:= 25960629681 = (2 - 5 + 9 - 6 - 06 + 2968 - 1)^3 \\ 2966^3 &:= 26092364696 = (2609 + 2 + 364 + 6 - 9 - 6)^3 \\ 2970^3 &:= 26198073000 = (-2 + 6 - 19 - 8 - 07 + 3000)^3 \\ 2973^3 &:= 26277541317 = (2627 - 75 + 413 + 1 + 7)^3 \\ 2974^3 &:= 26304066424 = (-2 - 6 + 3040 - 6 - 6 - 42 - 4)^3 \\ 2975^3 &:= 26330609375 = (2 - 63 + 3060 - 9 - 3 - 7 - 5)^3 \end{aligned}$$

$$\begin{aligned} 2981^3 &:= 26490242141 = (-2 - 64 + 902 + 4 + 2141)^3 \\ 2992^3 &:= 26784575488 = (-2678 + 4 + 5754 - 88)^3 \\ 3005^3 &:= 27135225125 = (-2 - 7 - 1 + 3522 - 512 + 5)^3 \\ 3006^3 &:= 27162324216 = (2716 + 232 + 42 + 16)^3 \\ 3007^3 &:= 27189441343 = (2718 - 9 - 44 - 1 + 343)^3 \\ 3011^3 &:= 27298090331 = (27 + 2980 + 9 - 03 - 3 + 1)^3 \\ 3014^3 &:= 27379766744 = (-27 + 3797 - 6 - 6 - 744)^3 \\ 3016^3 &:= 27434308096 = (2 - 74 - 3 - 4 + 3080 + 9 + 6)^3 \\ 3023^3 &:= 27625773167 = (-2 - 76 - 2 - 57 - 7 + 3167)^3 \\ 3027^3 &:= 27735580683 = (-2773 + 5 + 5806 - 8 - 3)^3 \\ 3028^3 &:= 27763077952 = (2 - 7 - 7 + 6 + 3077 + 9 - 52)^3 \\ 3034^3 &:= 27928443304 = (2 + 7 + 9 - 284 - 4 + 3304)^3 \\ 3040^3 &:= 28094464000 = (-2 - 8 - 0944 - 6 + 4000)^3 \\ 3041^3 &:= 28122197921 = (2812 + 2 + 197 + 9 + 21)^3 \\ 3043^3 &:= 28177720507 = (2817 + 7 + 7 + 205 + 07)^3 \\ 3045^3 &:= 28233316125 = (-282 + 3331 - 6 - 1 - 2 + 5)^3 \\ 3053^3 &:= 28456429877 = (2 + 8 + 4 - 5 + 64 + 2987 - 7)^3 \\ 3057^3 &:= 28568426193 = (2856 + 8 + 4 + 2 - 6 + 193)^3 \\ 3065^3 &:= 28793299625 = (2 - 8 + 79 + 3 + 2996 - 2 - 5)^3 \\ 3068^3 &:= 28877930432 = (2 + 8 + 8 + 7 - 7 + 9 + 3043 - 2)^3 \\ 3069^3 &:= 28906177509 = (2890 + 6 + 177 + 5 - 09)^3 \\ 3070^3 &:= 28934443000 = (2 + 8 + 9 + 3 + 44 + 4 + 3000)^3 \\ 3074^3 &:= 29047689224 = (2904 + 76 + 8 + 92 - 2 - 4)^3 \\ 3077^3 &:= 29132817533 = (2913 + 2 + 81 + 75 + 3 + 3)^3 \\ 3078^3 &:= 29161230552 = (2 + 9 + 1 + 6 + 1 + 2 + 3055 + 2)^3 \\ 3079^3 &:= 29189662039 = (2918 + 96 + 6 + 20 + 39)^3 \\ 3083^3 &:= 29303572787 = (29 + 3035 + 7 + 27 - 8 - 7)^3 \\ 3086^3 &:= 29389200056 = (2938 + 92 + 00056)^3 \\ 3087^3 &:= 29417779503 = (2941 + 77 + 7 + 9 + 50 + 3)^3 \\ 3088^3 &:= 29446377472 = (2944 - 6 - 3 + 77 + 4 + 72)^3 \\ 3089^3 &:= 29474993969 = (2947 + 49 + 9 - 3 + 96 - 9)^3 \\ 3091^3 &:= 29532282571 = (2953 + 2 - 2 + 82 + 57 - 1)^3 \\ 3095^3 &:= 29647082375 = (2964 + 7 + 082 + 37 + 5)^3 \\ 3096^3 &:= 29675828736 = (2967 + 58 + 28 + 7 + 36)^3 \\ 3097^3 &:= 29704593673 = (2970 + 45 + 9 + 3 + 67 + 3)^3 \\ 3098^3 &:= 29733377192 = (-297 - 3 + 3377 + 19 + 2)^3 \end{aligned}$$

$$\begin{aligned} 3104^3 &:= 29906468864 = (2990 + 6 + 4 + 6 + 88 + 6 + 4)^3 \\ 3105^3 &:= 29935382625 = (2993 + 5 + 38 + 2 + 62 + 5)^3 \\ 3106^3 &:= 29964315016 = (-29 - 9 + 6 + 4 + 3150 - 16)^3 \\ 3106^3 &:= 29964315016 = (2996 + 43 + 1 + 50 + 16)^3 \\ 3107^3 &:= 29993266043 = (2999 - 3 + 2 + 66 + 043)^3 \\ 3111^3 &:= 30109256631 = (3010 + 92 - 5 + 6 + 6 + 3 - 1)^3 \\ 3113^3 &:= 30167363897 = (3016 + 7 + 3 + 63 + 8 + 9 + 7)^3 \\ 3114^3 &:= 30196445544 = (3019 + 6 + 44 - 5 + 54 - 4)^3 \\ 3115^3 &:= 30225545875 = (3022 + 5 + 5 - 4 + 5 + 87 - 5)^3 \\ 3116^3 &:= 30254664896 = (3025 + 4 + 6 - 6 + 4 + 89 - 6)^3 \\ 3117^3 &:= 30283802613 = (3028 + 3 + 80 + 2 + 6 + 1 - 3)^3 \\ 3118^3 &:= 30312959032 = (3031 + 2 + 95 - 9 - 03 + 2)^3 \\ 3119^3 &:= 30342134159 = (3034 - 2 - 13 + 41 + 59)^3 \\ 3122^3 &:= 30429771848 = (3042 - 9 + 7 + 7 - 1 + 84 - 8)^3 \\ 3123^3 &:= 30459021867 = (3045 + 90 - 2 - 1 - 8 + 6 - 7)^3 \\ 3124^3 &:= 30488290624 = (3048 - 8 + 2 + 90 - 6 + 2 - 4)^3 \\ 3126^3 &:= 30546884376 = (3054 + 68 - 8 - 4 + 3 + 7 + 6)^3 \\ 3127^3 &:= 30576209383 = (3057 + 6 + 20 + 9 + 38 - 3)^3 \\ 3128^3 &:= 30605553152 = (-3 - 06 - 05 - 5 - 5 + 3152)^3 \\ 3129^3 &:= 30634915689 = (3063 + 49 + 1 + 5 - 6 + 8 + 9)^3 \\ 3131^3 &:= 30693697091 = (3069 + 36 + 9 + 7 + 09 + 1)^3 \\ 3132^3 &:= 30723115968 = (-3 + 07 + 2 + 3115 + 9 - 6 + 8)^3 \\ 3133^3 &:= 30752553637 = (3075 - 2 + 55 + 3 + 6 + 3 - 7)^3 \\ 3135^3 &:= 30811485375 = (3081 + 1 + 4 + 8 + 53 - 7 - 5)^3 \\ 3137^3 &:= 30870492353 = (3087 + 049 + 2 - 3 + 5 - 3)^3 \\ 3138^3 &:= 30900024072 = (3090 - 0024 + 072)^3 \\ 3139^3 &:= 30929574619 = (3092 + 9 - 5 + 7 + 46 - 1 - 9)^3 \\ 3140^3 &:= 30959144000 = (3095 - 9 + 14 + 40 + 00)^3 \\ 3141^3 &:= 30988732221 = (3098 + 8 + 7 + 3 + 22 + 2 + 1)^3 \\ 3142^3 &:= 31018339288 = (3101 + 8 + 3 + 3 + 9 + 2 + 8 + 8)^3 \\ 3144^3 &:= 31077609984 = (3107 + 7 + 60 - 9 - 9 - 8 - 4)^3 \\ 3145^3 &:= 31107273625 = (3110 + 7 + 2 - 7 + 36 + 2 - 5)^3 \\ 3146^3 &:= 31136956136 = (3113 - 6 - 9 + 56 + 1 - 3 - 6)^3 \\ 3147^3 &:= 31166657523 = (3116 - 6 - 6 - 5 - 7 + 52 + 3)^3 \\ 3148^3 &:= 31196377792 = (3119 - 6 + 3 + 7 + 7 + 7 + 9 + 2)^3 \\ 3149^3 &:= 31226116949 = (3122 + 6 + 11 + 6 + 9 + 4 - 9)^3 \end{aligned}$$

$$\begin{aligned} 3150^3 &:= 31255875000 = (3125 + 5 + 8 + 7 + 5 + 000)^3 \\ 3151^3 &:= 31285651951 = (3128 - 5 - 65 - 1 + 95 - 1)^3 \\ 3152^3 &:= 31315447808 = (3131 - 54 - 4 + 7 + 80 - 8)^3 \\ 3153^3 &:= 31345262577 = (3134 - 52 + 62 - 5 + 7 + 7)^3 \\ 3154^3 &:= 31375096264 = (3137 + 50 - 9 + 6 - 26 - 4)^3 \\ 3155^3 &:= 31404948875 = (3140 + 4 + 9 + 4 + 8 - 8 - 7 + 5)^3 \\ 3156^3 &:= 31434820416 = (3143 + 4 + 8 + 2 + 04 + 1 - 6)^3 \\ 3157^3 &:= 31464710893 = (3146 - 4 + 7 + 10 - 8 + 9 - 3)^3 \\ 3158^3 &:= 31494620312 = (3149 - 4 + 6 - 2 - 03 + 12)^3 \\ 3159^3 &:= 31524548679 = (3152 + 4 - 5 - 4 + 8 + 6 + 7 - 9)^3 \\ 3160^3 &:= 31554496000 = (3155 + 4 + 4 - 9 + 6 + 000)^3 \\ 3161^3 &:= 31584462281 = (3158 + 4 + 4 + 6 - 2 - 2 - 8 + 1)^3 \\ 3162^3 &:= 31614447528 = (3161 + 44 + 4 - 75 + 28)^3 \\ 3163^3 &:= 31644451747 = (3164 + 4 + 4 + 5 - 17 - 4 + 7)^3 \\ 3165^3 &:= 31704517125 = (3170 + 4 + 5 + 1 - 7 - 1 - 2 - 5)^3 \\ 3166^3 &:= 31734578296 = (3173 + 4 + 5 - 7 + 8 - 2 - 9 - 6)^3 \\ 3167^3 &:= 31764658463 = (3176 - 4 - 6 - 58 - 4 + 63)^3 \\ 3168^3 &:= 31794757632 = (3179 - 4 + 7 + 5 + 7 + 6 - 32)^3 \\ 3169^3 &:= 31824875809 = (3182 - 4 - 8 - 7 + 5 - 8 + 09)^3 \\ 3171^3 &:= 31885169211 = (3188 - 5 + 1 - 6 - 9 + 2 + 1 - 1)^3 \\ 3172^3 &:= 31915344448 = (3191 - 5 - 34 + 4 + 4 + 4 + 8)^3 \\ 3173^3 &:= 31945538717 = (3194 + 5 - 5 - 3 - 8 + 7 - 17)^3 \\ 3174^3 &:= 31975752024 = (3197 + 5 - 7 + 5 - 20 - 2 - 4)^3 \\ 3175^3 &:= 32005984375 = (3200 - 5 - 9 + 8 - 4 - 3 - 7 - 5)^3 \\ 3176^3 &:= 32036235776 = (3203 + 6 + 23 - 57 + 7 - 6)^3 \\ 3178^3 &:= 32096795752 = (3209 - 6 - 7 - 9 + 5 - 7 - 5 - 2)^3 \\ 3179^3 &:= 32127104339 = (3212 - 71 - 04 + 33 + 9)^3 \\ 3180^3 &:= 32157432000 = (-3 - 2 + 1 - 5 - 7 - 4 + 3200 + 0)^3 \\ 3182^3 &:= 32218144568 = (3221 + 8 + 1 + 4 - 4 - 56 + 8)^3 \\ 3183^3 &:= 32248529487 = (3224 + 8 - 5 + 2 + 9 - 48 - 7)^3 \\ 3184^3 &:= 32278933504 = (3227 + 8 - 9 - 33 - 5 - 04)^3 \\ 3185^3 &:= 32309356625 = (3230 + 9 - 35 - 6 - 6 - 2 - 5)^3 \\ 3186^3 &:= 32339798856 = (3233 + 9 + 7 + 9 - 8 - 8 - 56)^3 \\ 3189^3 &:= 32431240269 = (3243 + 1 + 2 - 40 - 2 - 6 - 9)^3 \\ 3191^3 &:= 32492296871 = (3249 + 22 - 96 + 8 + 7 + 1)^3 \\ 3192^3 &:= 32522853888 = (3252 - 28 - 5 - 3 - 8 - 8 - 8)^3 \end{aligned}$$

$$\begin{aligned}3193^3 &:= 32553430057 = (3255 - 34 - 30 - 05 + 7)^3 \\3194^3 &:= 32584025384 = (3258 - 40 - 25 - 3 + 8 - 4)^3 \\3195^3 &:= 32614639875 = (3261 - 4 - 63 - 9 + 8 + 7 - 5)^3 \\3196^3 &:= 32645273536 = (3264 + 5 - 2 - 73 + 5 + 3 - 6)^3 \\3197^3 &:= 32675926373 = (3267 - 59 + 2 - 6 + 3 - 7 - 3)^3 \\3198^3 &:= 32706598392 = (3270 - 65 + 9 - 8 + 3 - 9 - 2)^3 \\3199^3 &:= 32737289599 = (3273 - 7 + 2 + 8 - 95 + 9 + 9)^3 \\3201^3 &:= 32798729601 = (3279 - 8 - 72 + 9 - 6 - 01)^3 \\3202^3 &:= 32829478408 = (3282 + 9 - 4 + 7 - 84 - 08)^3 \\3203^3 &:= 32860246427 = (3286 - 024 - 64 - 2 + 7)^3 \\3204^3 &:= 32891033664 = (3289 + 10 - 33 - 66 + 4)^3 \\3205^3 &:= 32921840125 = (3292 + 1 - 84 - 01 + 2 - 5)^3 \\3207^3 &:= 32983510743 = (3 - 298 + 3510 - 7 - 4 + 3)^3 \\3208^3 &:= 33014374912 = (3301 - 4 - 3 - 74 - 9 - 1 - 2)^3\end{aligned}$$

$$\begin{aligned}3212^2 &:= 10316944 = (-1 + 03169 + 44)^2 \\3212^3 &:= 33138024128 = (3313 - 80 + 2 + 4 + 1 - 28)^3\end{aligned}$$

$$\begin{aligned}3213^3 &:= 33168984597 = (3 + 3168 + 9 + 8 + 4 + 5 + 9 + 7)^3 \\3214^3 &:= 33199964344 = (3 + 3199 + 9 - 6 + 4 - 3 + 4 + 4)^3 \\3215^3 &:= 33230963375 = (3323 - 096 + 3 - 3 - 7 - 5)^3 \\3216^3 &:= 33261981696 = (3326 + 1 - 9 - 81 - 6 - 9 - 6)^3 \\3217^3 &:= 33293019313 = (3 + 3293 + 01 - 93 + 13)^3 \\3218^3 &:= 33324076232 = (-3 - 3 + 3240 - 7 - 6 + 2 - 3 - 2)^3 \\3221^3 &:= 33417362861 = (3341 - 73 - 62 + 8 + 6 + 1)^3 \\3225^3 &:= 33542015625 = (3354 - 201 + 5 + 62 + 5)^3 \\3226^3 &:= 33573227176 = (3 - 3 - 5 - 7 + 3227 + 17 - 6)^3 \\3227^3 &:= 33604458083 = (3360 + 4 + 4 - 58 - 083)^3 \\3231^3 &:= 33729575391 = (3372 + 9 - 57 - 5 + 3 - 91)^3 \\3232^3 &:= 33760903168 = (3 + 3 + 7 + 60 - 9 + 03168)^3 \\3234^3 &:= 33823616904 = (-33 + 8 + 2361 - 6 + 904)^3 \\3237^3 &:= 33917833053 = (3 - 3 + 9 + 178 - 3 + 3053)^3 \\3239^3 &:= 33980740919 = (3 - 39 - 807 + 4091 - 9)^3 \\3242^3 &:= 34075248488 = (3407 + 5 - 2 + 4 - 84 - 88)^3 \\3243^3 &:= 34106789907 = (3410 - 67 - 8 - 99 + 07)^3 \\3244^3 &:= 34138350784 = (3413 - 83 + 5 - 07 - 84)^3 \\3245^3 &:= 34169931125 = (34 - 1 + 6 + 99 + 3112 - 5)^3\end{aligned}$$

$$\begin{aligned} 3248^3 &:= 34264788992 = (3426 - 4 - 78 - 89 - 9 + 2)^3 \\ 3250^3 &:= 34328125000 = (-34 + 3281 - 2 + 5 + 000)^3 \\ 3253^3 &:= 34423275277 = (-3 + 4 + 423 + 2752 + 77)^3 \\ 3256^3 &:= 34518601216 = (3451 - 8 - 60 - 121 - 6)^3 \\ 3266^3 &:= 34837625096 = (3 - 4 + 8 + 3762 - 509 + 6)^3 \\ 3267^3 &:= 34869635163 = (-348 + 6 + 96 + 3516 - 3)^3 \\ 3269^3 &:= 34933714109 = (-3 - 49 + 3371 - 41 - 09)^3 \\ 3270^3 &:= 34965783000 = (349 - 6 + 5 - 78 + 3000)^3 \\ 3279^3 &:= 35255286639 = (3525 - 5 - 286 + 6 + 39)^3 \\ 3280^3 &:= 35287552000 = (3528 + 7 - 55 - 200 + 0)^3 \\ 3288^3 &:= 35546383872 = (3 - 554 + 6 + 3838 - 7 + 2)^3 \\ 3289^3 &:= 35578826569 = (3557 + 8 - 8 - 265 + 6 - 9)^3 \\ 3290^3 &:= 35611289000 = (3 - 5611 - 2 + 8900 + 0)^3 \\ 3294^3 &:= 35741336184 = (-3 - 57 + 4 + 1 + 3361 - 8 - 4)^3 \\ 3295^3 &:= 35773897375 = (3577 - 3 + 89 + 7 - 375)^3 \\ 3302^3 &:= 36002379608 = (3600 - 237 - 9 - 60 + 8)^3 \\ 3306^3 &:= 36133376616 = (-36 + 1 + 3337 - 6 - 6 + 16)^3 \\ 3308^3 &:= 36198994112 = (3619 + 89 + 9 - 411 + 2)^3 \\ 3309^3 &:= 36231832629 = (36 - 2 - 3 - 1 + 8 + 3262 + 9)^3 \\ 3311^3 &:= 36297569231 = (36 + 2975 + 69 + 231)^3 \\ 3312^3 &:= 36330467328 = (3 - 6 + 3304 - 6 - 7 + 32 - 8)^3 \\ 3313^3 &:= 36363385297 = (3 - 63 + 6 + 3385 - 2 - 9 - 7)^3 \\ 3314^3 &:= 36396323144 = (-3 + 63 + 9 + 6 + 3231 + 4 + 4)^3 \\ 3315^3 &:= 36429280875 = (-3 + 6 + 429 + 2808 + 75)^3 \\ 3318^3 &:= 36528273432 = (-36 - 5 + 2 - 82 + 7 + 3432)^3 \\ 3320^3 &:= 36594368000 = (-365 + 9 - 4 + 3680 + 00)^3 \\ 3328^3 &:= 36859543552 = (3685 + 9 - 5 - 4 - 355 - 2)^3 \\ 3329^3 &:= 36892780289 = (3689 + 2 + 7 - 80 - 289)^3 \\ 3330^3 &:= 36926037000 = (36 - 9 + 2603 + 700 + 0)^3 \\ 3331^3 &:= 36959313691 = (36 + 9 + 59 + 3136 + 91)^3 \\ 3333^3 &:= 37025927037 = (-3702 + 5 - 9 + 2 + 7037)^3 \\ 3334^3 &:= 37059263704 = (3705 - 9 - 2 + 6 - 370 + 4)^3 \\ 3335^3 &:= 37092620375 = (-3 + 709 + 2620 - 3 + 7 + 5)^3 \\ 3336^3 &:= 37125997056 = (37 + 1 + 2599 + 705 - 6)^3 \\ 3338^3 &:= 37192810472 = (37 + 19 + 2810 + 472)^3 \\ 3341^3 &:= 37293180821 = (-3 + 72 + 9 + 3180 + 82 + 1)^3 \end{aligned}$$

$$\begin{aligned} 3342^3 &:= 37326677688 = (3 - 7 + 3266 - 7 - 7 + 6 + 88)^3 \\ 3344^3 &:= 37393731584 = (3739 - 3 + 7 - 315 - 84)^3 \\ 3345^3 &:= 37427288625 = (-3 + 7 - 4 + 2728 - 8 + 625)^3 \\ 3360^3 &:= 37933056000 = (-3 + 7 - 9 + 3305 + 60 + 00)^3 \\ 3361^3 &:= 37966934881 = (37 - 96 - 69 + 3488 + 1)^3 \\ 3363^3 &:= 38034753147 = (38 + 03475 - 3 - 147)^3 \\ 3366^3 &:= 38136631896 = (-381 + 3663 + 1 + 89 - 6)^3 \\ 3366^2 &:= 11329956 = (11 + 3299 + 56)^2 \\ 3367^2 &:= 11336689 = (1 + 1 + 3366 + 8 - 9)^2 \\ 3371^3 &:= 38306833811 = (-3 + 8 - 30 + 6 + 8 + 3381 + 1)^3 \\ 3372^3 &:= 38340934848 = (38 + 3409 - 3 + 4 - 84 + 8)^3 \\ 3381^3 &:= 38648755341 = (3864 - 87 - 55 - 341)^3 \\ 3387^3 &:= 38854881603 = (3885 - 488 - 1 - 6 - 03)^3 \\ 3389^3 &:= 38923752869 = (3892 + 3 + 7 - 528 + 6 + 9)^3 \\ 3393^3 &:= 39061739457 = (3906 - 17 - 39 - 457)^3 \\ 3399^3 &:= 39269330199 = (3 + 92 - 6 + 9 + 3301 + 9 - 9)^3 \\ 3402^3 &:= 39373400808 = (3 + 9 - 3 - 7 + 3400 + 8 - 08)^3 \\ 3404^3 &:= 39442883264 = (-3 + 9 + 44 + 2 + 88 + 3264)^3 \\ 3406^3 &:= 39512447416 = (-3 + 951 + 2447 + 4 + 1 + 6)^3 \\ 3418^3 &:= 39931550632 = (3993 + 1 - 550 + 6 - 32)^3 \\ 3422^3 &:= 40071907448 = (-4007 - 19 + 07448)^3 \\ 3425^3 &:= 40177390625 = (-401 - 77 + 3906 + 2 - 5)^3 \\ 3428^3 &:= 40283058752 = (4 + 02830 + 587 + 5 + 2)^3 \\ 3429^3 &:= 40318322589 = (4 + 03183 + 225 + 8 + 9)^3 \\ 3435^3 &:= 40530337875 = (405 + 3033 + 7 - 8 - 7 + 5)^3 \\ 3444^3 &:= 40849752384 = (-4084 + 9 + 7523 - 8 + 4)^3 \\ 3445^3 &:= 40885346125 = (-4 + 08 - 8 - 5 + 3461 - 2 - 5)^3 \\ 3447^3 &:= 40956595623 = (4095 - 6 - 5 - 9 - 5 - 623)^3 \\ 3452^3 &:= 41135081408 = (4 - 11 + 3508 - 1 - 40 - 8)^3 \\ 3454^3 &:= 41206620664 = (4120 - 662 + 06 - 6 - 4)^3 \\ 3458^3 &:= 41349947912 = (41 + 3499 - 4 - 79 - 1 + 2)^3 \\ 3459^3 &:= 41385831579 = (-4 - 1 + 3858 - 315 - 79)^3 \\ 3460^3 &:= 41421736000 = (-4 - 142 - 1 + 7 + 3600 + 0)^3 \\ 3463^3 &:= 41529573847 = (-415 + 29 - 5 + 7 + 3847)^3 \\ 3465^3 &:= 41601569625 = (4160 - 1 + 5 - 696 + 2 - 5)^3 \\ 3466^3 &:= 41637598696 = (4163 - 7 + 5 + 9 - 8 - 696)^3 \end{aligned}$$

$$\begin{aligned} 3469^3 &:= 41745810709 = (4174 - 5 + 8 + 1 - 0709)^3 \\ 3476^3 &:= 41999034176 = (4199 - 903 + 4 + 176)^3 \\ 3477^3 &:= 42035292333 = (-4 - 20 + 3529 + 2 - 33 + 3)^3 \\ 3488^3 &:= 42435510272 = (-42 + 4 + 3551 - 027 + 2)^3 \\ 3493^3 &:= 42618264157 = (-42 - 618 + 2 - 6 + 4157)^3 \\ 3494^3 &:= 42654877784 = (4265 - 4 + 8 + 7 - 778 - 4)^3 \\ 3497^3 &:= 42764844473 = (4276 - 4 - 844 - 4 + 73)^3 \\ 3499^3 &:= 42838260499 = (-42 + 838 + 2604 + 99)^3 \\ 3502^3 &:= 42948542008 = (4 + 2948 + 542 + 008)^3 \\ 3503^3 &:= 42985344527 = (-4 + 2985 + 3 - 4 - 4 + 527)^3 \\ 3505^3 &:= 43059012625 = (4 - 30 + 5 + 901 + 2625)^3 \\ 3507^3 &:= 43132764843 = (4313 + 27 + 6 + 4 - 843)^3 \\ 3508^3 &:= 43169672512 = (4 + 31 - 6 + 967 + 2512)^3 \\ 3510^3 &:= 43243551000 = (-43 - 2 + 4 + 3551 + 000)^3 \\ 3511^3 &:= 43280521831 = (4 + 3280 + 5 + 218 + 3 + 1)^3 \\ 3512^3 &:= 43317513728 = (-43 + 3 - 175 - 1 + 3728)^3 \\ 3513^3 &:= 43354526697 = (4 - 3 + 3545 - 2 + 66 - 97)^3 \\ 3515^3 &:= 43428615875 = (4 + 3428 + 6 - 1 - 5 + 8 + 75)^3 \\ 3515^2 &:= 12355225 = (-12 + 3552 - 25)^2 \\ 3516^3 &:= 43465692096 = (4 + 3465 - 69 + 20 + 96)^3 \\ 3517^3 &:= 43502789413 = (-4 + 3502 - 7 + 8 + 9 - 4 + 13)^3 \\ 3517^3 &:= 43502789413 = (4 + 3502 - 7 - 8 + 9 + 4 + 13)^3 \\ 3518^3 &:= 43539907832 = (4 + 3539 - 9 - 07 - 8 - 3 + 2)^3 \\ 3519^3 &:= 43577047359 = (-4 + 3577 - 047 - 3 + 5 - 9)^3 \\ 3522^3 &:= 43688592648 = (4 - 3 + 6 + 8 + 859 + 2648)^3 \\ 3524^3 &:= 43763061824 = (437 - 6 + 3061 + 8 + 24)^3 \\ 3525^3 &:= 43800328125 = (-4 + 3800 + 3 - 281 + 2 + 5)^3 \\ 3528^3 &:= 43912253952 = (-439 + 12 - 2 + 5 + 3952)^3 \\ 3536^3 &:= 44211654656 = (-4 + 4211 - 654 - 6 - 5 - 6)^3 \\ 3536^3 &:= 44211654656 = (-4 + 4211 - 6 - 5 - 4 - 656)^3 \\ 3538^3 &:= 44286716872 = (4428 - 6 - 7 + 1 - 6 - 872)^3 \\ 3539^3 &:= 44324279819 = (-4 + 4324 - 2 - 798 + 19)^3 \\ 3540^3 &:= 44361864000 = (-44 + 3618 + 6 - 40 + 00)^3 \\ 3542^3 &:= 44437096088 = (44 + 4370 - 960 + 88)^3 \\ 3553^3 &:= 44852393377 = (4485 - 2 + 3 - 933 + 7 - 7)^3 \\ 3553^3 &:= 44852393377 = (4485 - 2 + 3 - 933 - 7 + 7)^3 \end{aligned}$$

$$\begin{aligned} 3557^3 &:= 45004049693 = (-4 - 500 + 4049 + 6 + 9 - 3)^3 \\ 3565^3 &:= 45308387125 = (4 + 5 - 308 + 3871 - 2 - 5)^3 \\ 3568^3 &:= 45422866432 = (4 + 5 + 4228 - 664 - 3 - 2)^3 \\ 3573^3 &:= 45614093517 = (4 + 56 + 1 + 4 - 09 + 3517)^3 \\ 3574^3 &:= 45652403224 = (45 + 65 + 240 + 3224)^3 \\ 3575^3 &:= 45690734375 = (4 + 56 + 90 - 7 + 3437 - 5)^3 \\ 3579^3 &:= 45844273539 = (45 + 8 - 4 - 4 + 2 - 7 + 3539)^3 \\ 3582^3 &:= 45959653368 = (45 + 95 + 9 + 65 + 3368)^3 \\ 3583^3 &:= 45998156287 = (-4 + 59 + 9815 - 6287)^3 \\ 3584^3 &:= 46036680704 = (-4 - 6 + 03668 - 070 - 4)^3 \\ 3588^3 &:= 46190993472 = (4 - 6 + 19 + 099 + 3472)^3 \\ 3591^3 &:= 46306954071 = (-4 - 6 + 3069 + 540 - 7 - 1)^3 \\ 3592^3 &:= 46345650688 = (4 + 6 + 3456 + 50 + 68 + 8)^3 \\ 3593^3 &:= 46384368857 = (4 - 6 + 3 - 84 + 3688 - 5 - 7)^3 \\ 3602^3 &:= 46733803208 = (4 + 6 + 7 + 3380 - 3 + 208)^3 \\ 3604^3 &:= 46811692864 = (4 - 6 + 811 - 69 + 2864)^3 \\ 3618^3 &:= 47359345032 = (4 + 7 + 3593 + 4 + 5 + 03 + 2)^3 \\ 3619^3 &:= 47398625659 = (4 + 73 + 986 + 2565 - 9)^3 \\ 3624^3 &:= 47595354624 = (-47 + 5 - 953 - 5 + 4624)^3 \\ 3627^3 &:= 47713652883 = (-4 - 7 + 71 + 3652 - 88 + 3)^3 \\ 3628^3 &:= 47753129152 = (477 + 5 + 3129 + 15 + 2)^3 \\ 3634^3 &:= 47990444104 = (-479 + 9 + 04 - 4 + 4104)^3 \\ 3636^3 &:= 48069723456 = (4806 + 9 - 723 - 456)^3 \\ 3645^3 &:= 48427561125 = (-4 - 8 + 4275 - 611 - 2 - 5)^3 \\ 3646^2 &:= 13293316 = (1 + 329 + 3316)^2 \\ 3650^3 &:= 48627125000 = (4862 - 712 - 500 + 0)^3 \\ 3652^3 &:= 48707103808 = (4 - 870 + 710 + 3808)^3 \\ 3655^3 &:= 48827236375 = (4 + 8 + 8 - 2 + 7 - 2 + 3637 - 5)^3 \\ 3656^2 &:= 13366336 = (-1 + 3 + 3663 - 3 - 6)^2 \\ 3657^2 &:= 13373649 = (1 + 3 - 3 + 7 + 3649)^2 \\ 3662^3 &:= 49108313528 = (49 + 1 + 083 + 1 + 3528)^3 \\ 3668^3 &:= 49350093632 = (49 + 3500 + 93 - 6 + 32)^3 \\ 3671^3 &:= 49471280711 = (4947 - 1280 - 7 + 11)^3 \\ 3676^3 &:= 49673699776 = (49 + 6 - 7 + 3699 - 77 + 6)^3 \\ 3677^3 &:= 49714249733 = (-497 + 1 + 4249 - 73 - 3)^3 \\ 3680^3 &:= 49836032000 = (49 + 8 + 3603 + 20 + 00)^3 \end{aligned}$$

$$\begin{aligned} 3682^2 &:= 13557124 = (1 + 3557 + 124)^2 \\ 3685^3 &:= 50039444125 = (-50 - 0394 + 4 + 4125)^3 \\ 3686^2 &:= 13586596 = (-1 + 3586 + 5 + 96)^2 \\ 3687^3 &:= 50120963703 = (-50 - 1 + 20 + 9 + 6 + 3703)^3 \\ 3691^3 &:= 50284268371 = (5 + 02842 + 6 + 837 + 1)^3 \\ 3693^3 &:= 50366053557 = (5 + 03660 + 5 + 35 - 5 - 7)^3 \\ 3695^3 &:= 50447927375 = (-50 + 4479 - 2 - 737 + 5)^3 \\ 3696^2 &:= 13660416 = (1 + 3660 + 41 - 6)^2 \\ 3697^3 &:= 50529889873 = (5 - 05298 + 8987 + 3)^3 \\ 3698^2 &:= 13675204 = (-1 + 3675 + 20 + 4)^2 \\ 3701^2 &:= 13697401 = (1 + 3697 + 4 - 01)^2 \\ 3708^3 &:= 50982270912 = (5 + 0982 + 2709 + 12)^3 \\ 3709^3 &:= 51023529829 = (5 + 102 + 3529 + 82 - 9)^3 \\ \\ 3713^2 &:= 13786369 = (-1 + 3786 - 3 - 69)^2 \\ \\ 3713^3 &:= 51188788097 = (-5118 + 8 + 7 + 8809 + 7)^3 \\ \\ 3716^3 &:= 51312965696 = (5 + 1 + 3129 + 6 + 569 + 6)^3 \\ 3718^3 &:= 51395862232 = (-5 + 1 + 3958 - 6 + 2 - 232)^3 \\ 3719^3 &:= 51437343959 = (5 + 1 + 4 + 3734 - 39 + 5 + 9)^3 \\ 3725^3 &:= 51686703125 = (516 + 8 + 6 + 70 + 3125)^3 \\ 3729^3 &:= 51853389489 = (5 + 1 - 85 + 3 + 3894 - 89)^3 \\ 3731^3 &:= 51936866891 = (-5 + 1 - 9 + 3686 + 68 - 9 - 1)^3 \\ 3737^3 &:= 52187836553 = (5 + 2 - 1 + 87 - 8 + 3655 - 3)^3 \\ 3740^3 &:= 52313624000 = (5 - 231 - 36 + 2 + 4000)^3 \\ 3742^3 &:= 52397594488 = (5 + 2 - 3 + 9 - 759 + 4488)^3 \\ 3745^3 &:= 52523718625 = (5 + 2 + 5 + 2 + 3718 + 6 + 2 + 5)^3 \\ 3747^3 &:= 52607913723 = (5 - 2 + 6 + 07 + 9 - 1 + 3723)^3 \\ 3753^3 &:= 52861038777 = (5 + 2861 + 03 + 877 + 7)^3 \\ 3755^3 &:= 52945593875 = (-5 - 2 - 94 - 5 - 5 - 9 + 3875)^3 \\ 3756^3 &:= 52987905216 = (-5298 + 7 + 9052 + 1 - 6)^3 \\ 3760^3 &:= 53157376000 = (-5 - 3 + 15 - 7 + 3760 + 00)^3 \\ 3762^3 &:= 53242246728 = (-532 + 4224 + 6 + 72 - 8)^3 \\ 3765^3 &:= 53369722125 = (53 + 3697 + 22 - 12 + 5)^3 \\ 3772^3 &:= 53667955648 = (5 + 3667 + 95 - 5 + 6 - 4 + 8)^3 \\ 3773^3 &:= 53710650917 = (-5 + 3710 + 65 + 09 + 1 - 7)^3 \end{aligned}$$

$$\begin{aligned} 3774^3 &:= 53753368824 = (-5 + 3753 + 36 - 8 - 8 + 2 + 4)^3 \\ 3775^3 &:= 53796109375 = (-5 + 3796 - 10 + 9 - 3 - 7 - 5)^3 \\ 3776^3 &:= 53838872576 = (-5 + 3 - 8 + 3887 - 25 - 76)^3 \\ 3783^3 &:= 54138849687 = (5 + 4 + 1 + 3884 - 96 - 8 - 7)^3 \\ 3788^3 &:= 54353799872 = (5 + 43 + 5 + 3799 + 8 - 72)^3 \\ 3790^3 &:= 54439939000 = (-54 + 43 - 99 + 3900 + 0)^3 \\ 3793^3 &:= 54569318257 = (54 + 569 + 3182 - 5 - 7)^3 \\ 3794^3 &:= 54612490184 = (-5 + 4612 + 4 - 901 + 84)^3 \\ 3795^3 &:= 54655684875 = (5 + 4655 + 6 + 8 - 4 - 875)^3 \\ 3797^3 &:= 54742142573 = (5 - 47 - 421 + 4257 + 3)^3 \\ 3806^3 &:= 55132330616 = (551 + 3233 + 06 + 16)^3 \\ 3818^3 &:= 55655459432 = (-5565 - 54 + 5 + 9432)^3 \\ 3823^3 &:= 55874402767 = (-55 - 8 - 74 + 4027 - 67)^3 \\ 3829^3 &:= 56137891789 = (-56 + 1 + 3789 - 1 + 7 + 89)^3 \\ 3832^3 &:= 56269946368 = (-5626 + 9 + 9463 - 6 - 8)^3 \\ 3839^2 &:= 14737921 = (1 + 47 + 3792 - 1)^2 \\ 3840^3 &:= 56623104000 = (5 + 66 - 231 + 04000)^3 \\ 3846^3 &:= 56888939736 = (56 - 88 - 89 + 3973 - 6)^3 \\ 3847^3 &:= 56933326423 = (569 - 3 + 3326 - 42 - 3)^3 \\ 3856^3 &:= 57333846016 = (-5 - 7 + 3 + 3 + 3846 + 016)^3 \\ 3857^3 &:= 57378463793 = (57 + 3784 + 6 - 3 + 7 + 9 - 3)^3 \\ 3862^3 &:= 57601899928 = (5760 - 1899 - 9 + 2 + 8)^3 \\ 3865^3 &:= 57736239625 = (-57 - 7 - 36 - 2 + 3962 + 5)^3 \\ 3865^2 &:= 14938225 = (-1 + 49 + 3822 - 5)^2 \\ 3869^3 &:= 57915683909 = (-57 + 9 + 1 + 5 - 6 + 8 + 3909)^3 \\ 3878^2 &:= 15038884 = (-1 - 5 + 03888 - 4)^2 \\ 3885^3 &:= 58637179125 = (58 - 6 + 3717 + 91 + 25)^3 \\ 3899^3 &:= 59273381699 = (59 + 2 + 7 - 3 + 3816 + 9 + 9)^3 \\ 3907^3 &:= 59638983643 = (-5 - 9 - 6 + 3898 + 36 - 4 - 3)^3 \\ 3909^3 &:= 59730618429 = (-5 + 9 - 7 + 3061 + 842 + 9)^3 \\ 3922^3 &:= 60328533448 = (603 - 28 - 5 + 3344 + 8)^3 \\ 3933^3 &:= 60837567237 = (60 + 8 + 3756 + 72 + 37)^3 \\ 3937^3 &:= 61023377953 = (6 + 102 - 3 + 3779 + 53)^3 \\ 3939^3 &:= 61116425019 = (-6 - 1116 + 42 + 5019)^3 \\ 3940^3 &:= 61162984000 = (-61 + 16 + 2 - 9 - 8 + 4000)^3 \\ 3942^2 &:= 15539364 = (15 - 5 + 3936 - 4)^2 \end{aligned}$$

$$\begin{aligned} 3945^3 &:= 61396133625 = (-6 - 1 + 3961 + 3 - 3 - 6 + 2 - 5)^3 \\ 3946^3 &:= 61442834536 = (61 + 4428 - 3 - 4 - 536)^3 \\ 3963^3 &:= 62240377347 = (6 + 2 + 2 + 4037 - 73 - 4 - 7)^3 \\ 3964^3 &:= 62287505344 = (-622 - 8 - 750 + 5344)^3 \\ 3982^3 &:= 63139882168 = (6 - 3 + 1 + 3988 - 2 - 16 + 8)^3 \\ 3983^3 &:= 63187463087 = (-631 - 8 + 7 + 4630 - 8 - 7)^3 \\ 3985^3 &:= 63282696625 = (6 + 3282 + 696 - 6 + 2 + 5)^3 \\ 3988^3 &:= 63425726272 = (6 + 3425 - 72 + 627 + 2)^3 \\ 3993^3 &:= 63664587657 = (63 + 6 - 6 + 4587 - 657)^3 \\ 3993^2 &:= 15944049 = (-1 - 59 + 4 + 4049)^2 \\ 3998^3 &:= 63904047992 = (-6 + 3904 - 04 + 7 + 99 - 2)^3 \\ 4003^3 &:= 64144108027 = (-64 - 14 + 4108 - 027)^3 \\ 4004^3 &:= 64192192064 = (6 + 4192 - 192 - 06 + 4)^3 \\ 4005^3 &:= 64240300125 = (-6 - 4 + 2 + 4030 - 012 - 5)^3 \\ 4009^3 &:= 64432972729 = (-64 + 4329 + 7 - 272 + 9)^3 \\ 4014^3 &:= 64674354744 = (6 - 4 + 6 - 743 + 5 + 4744)^3 \\ 4015^3 &:= 64722703375 = (647 + 2 - 2 - 7 + 03375)^3 \\ 4029^3 &:= 65402116389 = (6 + 5 + 4021 + 1 - 6 + 3 + 8 - 9)^3 \\ 4033^3 &:= 65597103937 = (6 + 5 + 5 + 9 + 71 + 03937)^3 \\ 4038^3 &:= 65841382872 = (-6 + 5 - 8 + 4138 - 2 - 87 - 2)^3 \\ 4040^3 &:= 65939264000 = (6 + 5 + 9 + 3 + 9 + 2 + 6 + 4000)^3 \\ 4046^3 &:= 66233489336 = (662 + 3348 + 9 + 33 - 6)^3 \\ 4058^3 &:= 66824563112 = (66 + 824 + 56 + 3112)^3 \\ 4055^3 &:= 66676466375 = (66 - 676 + 4663 + 7 - 5)^3 \\ 4059^3 &:= 66873977379 = (66 + 8 + 7 + 3977 + 3 + 7 - 9)^3 \\ 4064^3 &:= 67121414144 = (-67 + 1 - 2 - 1 + 4141 - 4 - 4)^3 \\ 4067^2 &:= 16540489 = (-1 + 6 + 5 + 4048 + 9)^2 \\ 4078^3 &:= 67817482552 = (67 - 817 + 4825 + 5 - 2)^3 \\ 4080^3 &:= 67917312000 = (-6 - 7917 + 3 + 12000)^3 \\ 4081^3 &:= 67967263441 = (679 - 6 - 7 - 26 + 3441)^3 \\ 4085^3 &:= 68167314125 = (6 + 8 - 16 - 7 - 31 + 4125)^3 \\ 4103^3 &:= 69072400727 = (6 + 90 + 7 + 2 + 4007 - 2 - 7)^3 \\ 4105^3 &:= 69173457625 = (6 + 9 + 1 + 7 + 3457 + 625)^3 \\ 4106^3 &:= 69224023016 = (-6 + 92 + 2 + 4023 + 01 - 6)^3 \\ 4110^3 &:= 69426531000 = (-6 + 9426 - 5310 + 00)^3 \\ 4121^3 &:= 69985463561 = (6 + 9 - 9 + 8 + 546 + 3561)^3 \end{aligned}$$

$$\begin{aligned}4123^3 &:= 70087408867 = (7 + 008 + 7 + 4088 + 6 + 7)^3 \\4124^3 &:= 70138418624 = (-70 - 1 + 3 + 8 + 4186 + 2 - 4)^3 \\4129^3 &:= 70393838689 = (70 + 3938 + 38 - 6 + 89)^3 \\4132^2 &:= 17073424 = (1 + 707 + 3424)^2 \\4137^3 &:= 70803799353 = (-7 - 08 + 03799 + 353)^3 \\4146^3 &:= 71266904136 = (7 + 12 + 6 - 6 - 9 + 04136)^3 \\4149^3 &:= 71421719949 = (-71 + 4217 - 19 + 9 + 4 + 9)^3 \\4159^3 &:= 71939391679 = (71 - 9 + 3939 + 167 - 9)^3 \\4168^3 &:= 72407429632 = (72 + 4074 + 2 + 9 + 6 + 3 + 2)^3 \\4177^3 &:= 72877493233 = (72 + 877 + 4 - 9 + 3233)^3 \\4183^3 &:= 73191996487 = (7 + 3191 + 996 + 4 - 8 - 7)^3 \\4186^3 &:= 73349586856 = (7 - 3 + 3495 + 8 + 685 - 6)^3 \\4192^3 &:= 73665445888 = (7 - 366 + 5 + 4458 + 88)^3 \\4194^3 &:= 73770933384 = (73 + 770 + 9 + 3338 + 4)^3 \\4195^3 &:= 73823714875 = (7 + 382 + 3714 + 87 + 5)^3 \\4201^3 &:= 74140932601 = (-7 + 4140 + 93 - 26 + 01)^3 \\4203^3 &:= 74246873427 = (7 + 4246 - 8 - 73 + 4 + 27)^3 \\4204^3 &:= 74299881664 = (7 + 4299 - 88 - 16 + 6 - 4)^3 \\4205^3 &:= 74352915125 = (-7 + 4352 - 9 - 1 - 5 - 125)^3 \\4208^3 &:= 74512166912 = (7 + 4 + 5121 - 6 - 6 - 912)^3 \\4212^3 &:= 74724856128 = (7 + 4724 + 85 - 612 + 8)^3 \\4215^3 &:= 74884638375 = (-7 - 488 + 4638 - 3 + 75)^3 \\4218^3 &:= 75044648232 = (-7 + 5044 + 6 - 4 - 823 + 2)^3 \\4222^3 &:= 75258349048 = (-752 - 5 + 83 + 4904 - 8)^3 \\4229^3 &:= 75633300989 = (-7 - 56 + 3 + 3300 + 989)^3 \\4231^3 &:= 75740658391 = (7 + 57 + 4065 + 8 + 3 + 91)^3 \\4234^3 &:= 75901884904 = (-759 + 01 + 88 + 4904)^3 \\4240^3 &:= 76225024000 = (7 + 6 + 225 + 02 + 4000)^3 \\4244^3 &:= 76440958784 = (76 + 4 + 4095 - 8 - 7 + 84)^3 \\4245^3 &:= 76495006125 = (-764 + 9 + 5006 + 1 - 2 - 5)^3 \\4250^3 &:= 76765625000 = (-7 - 676 - 5 - 62 + 5000)^3 \\4258^3 &:= 77199941512 = (77 + 1 + 9 + 9 + 9 + 4151 + 2)^3 \\4262^3 &:= 77417712728 = (-7 - 7 + 4177 + 127 - 28)^3 \\4266^3 &:= 77635893096 = (776 + 3589 - 3 - 096)^3 \\4288^3 &:= 78843215872 = (-78 - 8 + 4321 + 58 - 7 + 2)^3 \\4293^3 &:= 79119341757 = (7 + 91 + 1 + 9 + 3 + 4175 + 7)^3\end{aligned}$$

$$\begin{aligned}4293^2 &:= 18429849 = (-18 + 4298 + 4 + 9)^2 \\4294^3 &:= 79174644184 = (79 + 17 + 4 + 6 + 4 + 4184)^3 \\4299^3 &:= 79451542899 = (7 + 9 + 4 + 5 - 1 - 5 + 4289 - 9)^3 \\4303^3 &:= 79673526127 = (7 - 967 - 3 + 5261 - 2 + 7)^3 \\4317^3 &:= 80453723013 = (8 + 04537 - 230 - 1 + 3)^3 \\4322^3 &:= 80733594248 = (8 + 073 - 3 + 5 - 9 + 4248)^3 \\4335^3 &:= 81464295375 = (8 + 1 + 46 + 4295 - 3 - 7 - 5)^3 \\4336^3 &:= 81520685056 = (-8 - 1 + 5206 - 850 - 5 - 6)^3 \\4338^3 &:= 81633542472 = (-8 - 1 + 63 + 35 + 4247 + 2)^3 \\4343^3 &:= 81916141607 = (-8 + 191 + 6 + 1 + 4160 - 7)^3 \\4347^3 &:= 82142689923 = (-8 + 2 - 1 + 4268 - 9 + 92 + 3)^3 \\4352^3 &:= 82426462208 = (82 + 4264 - 6 + 2 + 2 + 08)^3 \\4364^2 &:= 19044496 = (-1 - 90 + 4449 + 6)^2 \\4366^3 &:= 83224499896 = (-8 - 32 + 2 + 4499 - 89 - 6)^3 \\4368^3 &:= 83338924032 = (8 - 3 + 338 - 9 + 2 + 4032)^3 \\4369^3 &:= 83396175409 = (8 + 3 + 3961 - 7 - 5 + 409)^3 \\4372^2 &:= 19114384 = (-1 - 9 - 1 - 1 + 4384)^2 \\4373^3 &:= 83625443117 = (8 + 36 + 2 + 5 + 4 + 4311 + 7)^3 \\4375^3 &:= 83740234375 = (8 + 37 - 40 - 2 - 3 + 4375)^3 \\4382^3 &:= 84142830968 = (8 + 4 - 1 + 4283 + 096 - 8)^3 \\4383^3 &:= 84200449887 = (84 - 200 + 4498 + 8 - 7)^3 \\4384^3 &:= 84258095104 = (8 + 4258 + 09 + 5 + 104)^3 \\4385^3 &:= 84315766625 = (8 + 4315 - 7 + 66 + 6 + 2 - 5)^3 \\4386^3 &:= 84373464456 = (8 + 4373 + 4 - 6 + 4 + 4 + 5 - 6)^3 \\4388^3 &:= 84488939072 = (8 - 4 + 488 - 9 + 3907 - 2)^3 \\4391^3 &:= 84662348471 = (8 - 466 - 2 + 3 + 4847 + 1)^3 \\4392^3 &:= 84720204288 = (8 + 4 + 72 + 020 + 4288)^3 \\4394^3 &:= 84835994984 = (8 - 4 + 8 - 3 - 599 + 4984)^3 \\4395^3 &:= 84893929875 = (-8 - 4893 + 9298 - 7 + 5)^3 \\4399^3 &:= 85125933199 = (8 + 5125 - 933 + 199)^3 \\4408^3 &:= 85649485312 = (-8 - 5 + 6 + 4948 - 531 - 2)^3 \\4409^2 &:= 19439281 = (1 + 9 + 4392 + 8 - 1)^2 \\4411^3 &:= 85824478531 = (-8 - 58 - 2 + 4478 + 5 - 3 - 1)^3 \\4413^3 &:= 85941272997 = (8 - 5 - 9 + 4127 + 299 - 7)^3 \\4418^3 &:= 86233722632 = (8 + 623 + 3722 + 63 + 2)^3 \\4425^3 &:= 86644265625 = (-8 + 66 + 4426 - 56 + 2 - 5)^3\end{aligned}$$

$$\begin{aligned}4445^3 &:= 87824421125 = (8 - 7 + 8 - 2 + 4421 + 12 + 5)^3 \\4447^3 &:= 87943022623 = (87 - 9 + 4302 + 2 + 62 + 3)^3 \\4455^3 &:= 88418496375 = (-88 - 418 + 4963 - 7 + 5)^3 \\4457^3 &:= 88537631993 = (885 + 376 + 3199 - 3)^3 \\4459^3 &:= 88656874579 = (-88 - 6 - 5 - 6 - 8 - 7 + 4579)^3 \\4464^3 &:= 88955449344 = (8 + 8 + 9 - 5 - 5 + 4493 - 44)^3 \\4466^3 &:= 89075066696 = (89 + 07 + 5066 - 696)^3 \\4469^3 &:= 89254693709 = (-8 - 925 + 4693 + 709)^3 \\4471^3 &:= 89374579111 = (8 - 9 - 3 + 7 + 4579 - 111)^3 \\4472^3 &:= 89434562048 = (89 + 4345 + 6 + 20 + 4 + 8)^3 \\4473^3 &:= 89494571817 = (-89 - 4 + 9 + 4571 - 8 + 1 - 7)^3 \\4474^3 &:= 89554608424 = (-89 - 55 + 4608 + 4 + 2 + 4)^3 \\4476^3 &:= 89674762176 = (-89 + 6747 - 6 - 2176)^3 \\4477^3 &:= 89734879333 = (897 + 3487 + 93 + 3 - 3)^3 \\4492^3 &:= 90639863488 = (9 + 06 + 3986 + 3 + 488)^3 \\4499^3 &:= 91064263499 = (910 + 64 + 26 + 3499)^3 \\4501^3 &:= 91185763501 = (911 + 8 + 5 + 76 + 3501)^3 \\4506^3 &:= 91489986216 = (-91 + 4899 - 86 - 216)^3 \\4508^3 &:= 91611864512 = (-9 - 1 + 6 - 1 - 1 + 8 - 6 + 4512)^3 \\4509^3 &:= 91672844229 = (91 + 6 - 7 - 2 + 8 + 4422 - 9)^3 \\4512^3 &:= 91855945728 = (9 + 1 - 8 + 5 - 59 + 4572 - 8)^3 \\4516^3 &:= 92100460096 = (9 + 2 + 1 + 004600 - 96)^3 \\4522^3 &:= 92468044648 = (-92 - 46 + 8 + 04 + 4648)^3 \\4523^3 &:= 92529403667 = (925 - 29 - 40 + 3667)^3 \\4526^3 &:= 92713643576 = (927 + 13 + 6 + 4 + 3576)^3 \\4533^3 &:= 93144487437 = (93 - 1 + 4448 + 7 - 4 - 3 - 7)^3 \\4536^3 &:= 93329542656 = (9 + 3329 + 542 + 656)^3 \\4538^3 &:= 93453048872 = (-93 + 4530 + 4 + 88 + 7 + 2)^3 \\4544^3 &:= 93824221184 = (938 + 2422 + 1184)^3 \\4545^3 &:= 93886178625 = (9 + 3886 + 17 + 8 + 625)^3 \\4547^3 &:= 94010175323 = (-9 + 4010 + 17 + 532 - 3)^3 \\4548^3 &:= 94072214592 = (-9 + 40 - 72 - 2 - 1 + 4592)^3 \\4548^3 &:= 94072214592 = (9 + 40 - 72 - 21 + 4592)^3 \\4552^3 &:= 94320644608 = (-9 - 43 - 2 - 06 + 4 + 4608)^3 \\4552^3 &:= 94320644608 = (9 + 4 - 3 - 2 - 064 + 4608)^3 \\4552^3 &:= 94320644608 = (9 - 43 - 20 - 6 + 4 + 4608)^3\end{aligned}$$

$$\begin{aligned} 4553^3 &:= 94382820377 = (9 + 4382 + 82 + 03 + 77)^3 \\ 4554^3 &:= 94445023464 = (9 + 44 + 4502 - 3 + 4 - 6 + 4)^3 \\ 4555^3 &:= 94507253875 = (-9 + 4507 - 2 + 53 + 8 - 7 + 5)^3 \\ 4556^3 &:= 94569511616 = (-9 + 4569 - 5 + 1 + 1 + 6 - 1 - 6)^3 \\ 4557^3 &:= 94631796693 = (9 + 4631 + 7 - 96 - 6 + 9 + 3)^3 \\ 4558^3 &:= 94694109112 = (-9 + 469 + 4109 + 1 - 12)^3 \\ 4559^3 &:= 94756448879 = (9 + 47 + 5 - 6 + 4488 + 7 + 9)^3 \\ 4564^3 &:= 95068558144 = (9 + 5068 - 558 + 1 + 44)^3 \\ 4566^3 &:= 95193593496 = (9 + 5193 - 593 - 49 + 6)^3 \\ 4568^3 &:= 95318738432 = (-9 + 5318 - 738 - 4 + 3 - 2)^3 \\ 4572^3 &:= 95569357248 = (955 + 6 - 9 + 3572 + 48)^3 \\ 4578^3 &:= 95946108552 = (9 - 5 + 9 + 4610 + 8 - 55 + 2)^3 \\ 4582^3 &:= 96197825368 = (9 + 6 - 19 - 782 + 5368)^3 \\ 4586^3 &:= 96449982056 = (96 + 4499 - 8 - 2 - 05 + 6)^3 \\ 4589^3 &:= 96639388469 = (-9 + 6 + 639 + 3884 + 69)^3 \\ 4595^3 &:= 97018944875 = (97 - 01 + 8 + 9 + 4487 - 5)^3 \\ 4597^3 &:= 97145684173 = (9 + 71 + 4568 - 41 - 7 - 3)^3 \\ 4599^3 &:= 97272533799 = (9 - 727 - 2 + 5337 - 9 - 9)^3 \\ 4602^3 &:= 97463015208 = (-9 - 7 + 4630 - 1 - 5 + 2 - 08)^3 \\ 4605^3 &:= 97653745125 = (97 + 6 + 5 - 3 - 7 + 4512 - 5)^3 \\ 4608^3 &:= 97844723712 = (-97 - 8 - 4 + 4723 - 7 - 1 + 2)^3 \\ 4609^3 &:= 97908438529 = (97 + 90 + 8 + 4385 + 29)^3 \\ 4619^3 &:= 98547108659 = (-98 + 5 + 4710 - 8 + 6 - 5 + 9)^3 \\ 4631^2 &:= 21446161 = (2 + 14 + 4616 - 1)^2 \\ 4632^3 &:= 99381523968 = (9938 + 1 - 5239 - 68)^3 \\ 4633^3 &:= 99445904137 = (-9 + 94 + 4590 - 4 - 1 - 37)^3 \\ 4635^3 &:= 99574747875 = (-9 - 9 + 5 - 7 + 4747 - 87 - 5)^3 \\ 4647^2 &:= 21594609 = (-21 + 59 + 4609)^2 \\ 4709^2 &:= 22174681 = (22 - 1 + 7 + 4681)^2 \\ 4741^2 &:= 22477081 = (-22 + 4770 - 8 + 1)^2 \\ 4766^2 &:= 22714756 = (2 + 2 + 7 - 1 + 4756)^2 \\ 4879^2 &:= 23804641 = (238 + 04641)^2 \\ 4906^2 &:= 24068836 = (2 + 4068 + 836)^2 \\ 4949^2 &:= 24492601 = (24 + 4926 - 01)^2 \\ 4950^2 &:= 24502500 = (2450 + 2500)^2 \\ 4985^2 &:= 24850225 = (-24 - 8 + 5022 - 5)^2 \end{aligned}$$

$$\begin{aligned} 5050^2 &:= 25502500 = (25 + 5025 + 00)^2 \\ 5123^2 &:= 26245129 = (2 - 6 + 2 - 4 + 5129)^2 \\ 5149^2 &:= 26512201 = (26 + 5122 + 01)^2 \\ 5292^2 &:= 28005264 = (28 + 005264)^2 \\ 5354^2 &:= 28665316 = (-28 + 66 + 5316)^2 \\ 5629^2 &:= 31685641 = (3 - 1 - 6 - 8 + 5641)^2 \\ 5653^2 &:= 31956409 = (31 - 9 + 5640 - 9)^2 \\ 5795^2 &:= 33582025 = (3 - 3 + 5820 - 25)^2 \\ 5952^2 &:= 35426304 = (-354 + 2 + 6304)^2 \\ 5980^2 &:= 35760400 = (-3 - 57 + 6040 + 0)^2 \\ 5993^2 &:= 35916049 = (35 - 91 + 6049)^2 \\ 5998^2 &:= 35976004 = (-3 - 5 + 9 - 7 + 6004)^2 \\ 6003^2 &:= 36036009 = (3 - 6 - 03 + 6009)^2 \\ 6030^2 &:= 36360900 = (3 - 63 + 6090 + 0)^2 \\ 6071^2 &:= 36857041 = (368 + 5704 - 1)^2 \\ 6133^2 &:= 37613689 = (3 - 7 + 6136 - 8 + 9)^2 \\ 6420^2 &:= 41216400 = (41 - 21 + 6400)^2 \\ 6633^2 &:= 43996689 = (43 - 99 + 6689)^2 \\ 6787^2 &:= 46063369 = (460 + 6336 - 9)^2 \\ 6832^2 &:= 46676224 = (46 + 6762 + 24)^2 \\ 6844^2 &:= 46840336 = (4 + 6840 + 3 + 3 - 6)^2 \\ 6844^2 &:= 46840336 = (4 + 6840 - 3 - 3 + 6)^2 \\ 6854^2 &:= 46977316 = (-469 + 7 + 7316)^2 \\ 6861^2 &:= 47073321 = (-470 + 7332 - 1)^2 \\ 6870^2 &:= 47196900 = (-4 - 7 - 19 + 6900)^2 \\ 6878^2 &:= 47306884 = (4 - 7 - 3 + 06884)^2 \\ 6969^2 &:= 48566961 = (-48 + 56 + 6961)^2 \\ 7191^2 &:= 51710481 = (5 + 1 + 7104 + 81)^2 \\ 7271^2 &:= 52867441 = (528 + 6744 - 1)^2 \\ 7272^2 &:= 52881984 = (5288 + 1984)^2 \\ 7389^2 &:= 54597321 = (54 + 5 + 9 + 7321)^2 \\ 7399^2 &:= 54745201 = (-54 + 7452 + 01)^2 \\ 7495^2 &:= 56175025 = (5 - 6 - 1 + 7502 - 5)^2 \\ 7533^2 &:= 56746089 = (56 + 7460 + 8 + 9)^2 \\ 7543^2 &:= 56896849 = (5 + 689 + 6849)^2 \\ 7587^2 &:= 57562569 = (5 + 7562 + 5 + 6 + 9)^2 \end{aligned}$$

$$\begin{aligned} 7589^2 &:= 57592921 &= (5 + 7592 - 9 + 2 - 1)^2 \\ 7591^2 &:= 57623281 &= (-5 + 7623 - 28 + 1)^2 \\ 7593^2 &:= 57653649 &= (-5 + 7653 - 64 + 9)^2 \\ 7593^2 &:= 57653649 &= (-5 + 7653 - 6 - 49)^2 \\ 7601^2 &:= 57775201 &= (5 + 77 + 7520 - 1)^2 \\ 7611^2 &:= 57927321 &= (5 + 7927 - 321)^2 \\ 7777^2 &:= 60481729 &= (6048 + 1729)^2 \\ 7879^2 &:= 62078641 &= (-6 + 20 + 7864 + 1)^2 \\ 7891^2 &:= 62267881 &= (-6 + 22 - 6 + 7881)^2 \\ 7917^2 &:= 62678889 &= (-6 + 26 + 7888 + 9)^2 \\ 7956^2 &:= 63297936 &= (6 + 3 + 2 + 9 + 7936)^2 \\ 7987^2 &:= 63792169 &= (63 + 7921 - 6 + 9)^2 \\ 7998^2 &:= 63968004 &= (6 + 3 - 9 - 6 + 8004)^2 \\ 8003^2 &:= 64048009 &= (-6 + 4 - 04 + 8009)^2 \\ 8005^2 &:= 64080025 &= (-6 + 4 + 08002 + 5)^2 \\ 8030^2 &:= 64480900 &= (-64 + 4 + 8090 + 0)^2 \\ 8129^2 &:= 66080641 &= (66 + 08064 - 1)^2 \\ 8237^2 &:= 67848169 &= (-6 + 78 - 4 + 8169)^2 \\ 8261^2 &:= 68244121 &= (6 + 8244 + 12 - 1)^2 \\ 8416^2 &:= 70829056 &= (70 + 8290 + 56)^2 \\ 8443^2 &:= 71284249 &= (7 + 1 + 2 + 8424 + 9)^2 \\ 8549^2 &:= 73085401 &= (7 + 3 + 08540 - 1)^2 \\ 8594^2 &:= 73856836 &= (-7 - 3 + 8568 + 36)^2 \\ 8716^2 &:= 75968656 &= (75 - 9 - 6 + 8656)^2 \\ 8767^2 &:= 76860289 &= (76 + 8602 + 89)^2 \\ 8769^2 &:= 76895361 &= (-768 + 9536 + 1)^2 \\ 8856^2 &:= 78428736 &= (78 + 42 + 8736)^2 \\ 8878^2 &:= 78818884 &= (-7 + 8 - 8 + 1 + 8884)^2 \\ 8882^2 &:= 78889924 &= (-7 - 8 + 8899 + 2 - 4)^2 \\ 8891^2 &:= 79049881 &= (7904 + 988 - 1)^2 \\ 8910^2 &:= 79388100 &= (7 + 93 + 8810 + 0)^2 \\ 8938^2 &:= 79887844 &= (7 + 9 + 8878 + 44)^2 \\ 8995^2 &:= 80910025 &= (-80 + 9100 - 25)^2 \\ 9005^2 &:= 81090025 &= (8 - 10 + 9002 + 5)^2 \\ 9101^2 &:= 82828201 &= (8282 + 820 - 1)^2 \\ 9208^2 &:= 84787264 &= (8478 + 726 + 4)^2 \end{aligned}$$

$$\begin{aligned} 9284^2 &:= 86192656 = (8 + 6 - 1 + 9265 + 6)^2 \\ 9315^2 &:= 86769225 = (8 + 6 + 76 + 9225)^2 \\ 9458^2 &:= 89453764 = (8 + 9453 + 7 - 6 - 4)^2 \\ 9521^2 &:= 90649441 = (90 - 6 - 4 + 9441)^2 \\ 9537^2 &:= 90954369 = (9 + 09543 - 6 - 9)^2 \\ 9538^2 &:= 90973444 = (9097 - 3 + 444)^2 \\ 9581^2 &:= 91795561 = (9 + 17 + 9556 - 1)^2 \\ 9586^2 &:= 91891396 = (9189 + 1 + 396)^2 \\ 9590^2 &:= 91968100 = (-91 + 9681 + 00)^2 \\ 9621^2 &:= 92563641 = (9256 + 364 + 1)^2 \\ 9640^2 &:= 92929600 = (9 + 29 + 2 + 9600)^2 \\ 9694^2 &:= 93973636 = (-9 + 3 + 9736 - 36)^2 \\ 9746^2 &:= 94984516 = (-94 + 9845 + 1 - 6)^2 \\ 9765^2 &:= 95355225 = (9535 + 5 + 225)^2 \\ 9802^2 &:= 96079204 = (9607 - 9 + 204)^2 \\ 9899^2 &:= 97990201 = (-9 + 7 + 9902 - 01)^2 \\ 9901^2 &:= 98029801 = (9802 + 98 + 01)^2 \\ 9909^2 &:= 98188281 = (9818 + 82 + 8 + 1)^2 \\ 9914^2 &:= 98287396 = (9828 - 7 - 3 + 96)^2 \\ 9918^2 &:= 98366724 = (9836 + 6 + 72 + 4)^2 \\ 9922^2 &:= 98446084 = (9844 - 6 + 084)^2 \\ 9924^2 &:= 98485776 = (9848 + 5 + 77 - 6)^2 \\ 9937^2 &:= 98743969 = (9874 + 3 - 9 + 69)^2 \\ 9942^2 &:= 98843364 = (9884 - 3 - 3 + 64)^2 \\ 9945^2 &:= 98903025 = (9890 + 30 + 25)^2 \\ 9955^2 &:= 99102025 = (9910 + 20 + 25)^2 \\ 9956^2 &:= 99121936 = (9912 - 1 + 9 + 36)^2 \\ 9964^2 &:= 99281296 = (9928 + 1 + 29 + 6)^2 \\ 9986^2 &:= 99720196 = (9972 - 01 + 9 + 6)^2 \\ 9989^2 &:= 99780121 = (9978 + 012 - 1)^2 \\ 9990^2 &:= 99800100 = (9980 + 010 + 0)^2 \\ 9991^2 &:= 99820081 = (9982 + 008 + 1)^2 \\ 9999^2 &:= 99980001 = (9998 + 0001)^2 \\ \\ 10001^2 &:= 100020001 = (10002 + 000 - 1)^2 \\ 10009^2 &:= 100180081 = (10018 - 008 - 1)^2 \\ 10010^2 &:= 100200100 = (10020 - 010 + 0)^2 \end{aligned}$$

$$\begin{aligned}10011^2 &:= 100220121 = (10022 - 012 + 1)^2 \\10014^2 &:= 100280196 = (10028 + 01 - 9 - 6)^2 \\10036^2 &:= 100721296 = (10072 - 1 - 29 - 6)^2 \\10044^2 &:= 100881936 = (10088 + 1 - 9 - 36)^2 \\10045^2 &:= 100902025 = (10090 - 20 - 25)^2 \\10055^2 &:= 101103025 = (10110 - 30 - 25)^2 \\10058^2 &:= 101163364 = (10116 + 3 + 3 - 64)^2 \\10063^2 &:= 101263969 = (10126 - 3 + 9 - 69)^2 \\10076^2 &:= 101525776 = (10152 - 5 - 77 + 6)^2 \\10078^2 &:= 101566084 = (10156 + 6 - 084)^2 \\10082^2 &:= 101646724 = (10164 - 6 - 72 - 4)^2 \\10086^2 &:= 101727396 = (10172 + 7 + 3 - 96)^2 \\10091^2 &:= 101828281 = (10182 - 82 - 8 - 1)^2 \\10099^2 &:= 101989801 = (10198 - 98 - 01)^2 \\10123^2 &:= 102475129 = (10247 + 5 - 129)^2 \\10131^2 &:= 102637161 = (10263 - 71 - 61)^2 \\10134^2 &:= 102697956 = (10269 - 79 - 56)^2 \\10215^2 &:= 104346225 = (10434 + 6 - 225)^2 \\10323^2 &:= 106564329 = (10656 - 4 - 329)^2 \\10512^2 &:= 110502144 = (1 + 10502 + 1 + 4 + 4)^2 \\10517^2 &:= 110607289 = (1 + 10607 - 2 - 89)^2 \\10538^2 &:= 111049444 = (1 - 1 + 10494 + 44)^2 \\10571^2 &:= 111746041 = (11174 - 604 + 1)^2 \\10780^2 &:= 116208400 = (11620 - 840 + 0)^2 \\10824^2 &:= 117158976 = (11715 - 897 + 6)^2 \\10911^2 &:= 119049921 = (11904 - 992 - 1)^2 \\11005^2 &:= 121110025 = (1 - 2 - 1 + 11002 + 5)^2 \\11096^2 &:= 123121216 = (12312 - 1216)^2 \\11516^2 &:= 132618256 = (-1 + 3261 + 8256)^2 \\11816^2 &:= 139617856 = (-1 + 3961 + 7856)^2 \\12222^2 &:= 149377284 = (1 + 4937 + 7284)^2 \\12495^2 &:= 156125025 = (-1 + 5 - 6 + 12502 - 5)^2 \\12727^2 &:= 161976529 = (1 + 6197 + 6529)^2 \\13005^2 &:= 169130025 = (1 + 6 - 9 + 13002 + 5)^2 \\13123^2 &:= 172213129 = (1 - 7 + 2 - 2 + 13129)^2 \\13331^2 &:= 177715561 = (-1 + 7771 + 5561)^2\end{aligned}$$

$$\begin{aligned}13334^2 &:= 177795556 = (-1 + 7779 + 5556)^2 \\13443^2 &:= 180714249 = (1 - 807 + 14249)^2 \\13657^2 &:= 186513649 = (-1 + 8 + 6 - 5 + 13649)^2 \\14005^2 &:= 196140025 = (1 - 9 + 6 + 14002 + 5)^2 \\15621^2 &:= 244015641 = (-24 + 4 + 015641)^2 \\17271^2 &:= 298287441 = (2 + 9828 + 7441)^2 \\17344^2 &:= 300814336 = (3008 + 14336)^2 \\18183^2 &:= 330621489 = (-3306 + 21489)^2 \\19005^2 &:= 361190025 = (3 + 6 - 1 + 19002 - 5)^2 \\19998^2 &:= 399920004 = (3 + 9 - 9 - 9 + 20004)^2 \\20544^2 &:= 422055936 = (-4 - 2 + 20559 - 3 - 6)^2 \\20917^2 &:= 437520889 = (-4 + 37 - 5 + 20889)^2 \\22005^2 &:= 484220025 = (4 + 8 - 4 + 22002 - 5)^2 \\22222^2 &:= 493817284 = (4938 + 17284)^2 \\22231^2 &:= 494217361 = (494 + 21736 + 1)^2 \\22866^2 &:= 522853956 = (5 + 22853 + 9 + 5 - 6)^2 \\23005^2 &:= 529230025 = (5 + 2 - 9 + 23002 + 5)^2 \\24005^2 &:= 576240025 = (-5 + 7 + 6 + 24002 - 5)^2 \\25025^2 &:= 626250625 = (-6 - 26 + 25062 - 5)^2 \\25354^2 &:= 642825316 = (6 + 4 + 28 + 25316)^2 \\26037^2 &:= 677925369 = (677 - 9 + 25369)^2 \\26883^2 &:= 722695689 = (-72 + 26956 + 8 - 9)^2 \\27414^2 &:= 751527396 = (7 + 5 + 1 + 5 + 27396)^2 \\28127^2 &:= 791128129 = (7 - 9 + 1 - 1 + 28129)^2 \\29613^2 &:= 876929769 = (-87 - 69 + 29769)^2 \\31005^2 &:= 961310025 = (-9 + 6 + 1 + 31002 + 5)^2 \\32005^2 &:= 1024320025 = (10 + 2 - 4 + 32002 - 5)^2 \\32128^2 &:= 1032208384 = (1 + 032208 + 3 - 84)^2 \\33005^2 &:= 1089330025 = (-1 + 08 - 9 + 33002 + 5)^2 \\33669^2 &:= 1133601561 = (1 + 1 + 33601 + 5 + 61)^2 \\33670^2 &:= 1133668900 = (11 + 33668 - 9 + 00)^2 \\34005^2 &:= 1156340025 = (-1 + 15 - 6 + 34002 - 5)^2 \\34327^2 &:= 1178342929 = (11 + 7 + 8 + 34292 + 9)^2 \\34372^2 &:= 1181434384 = (1 - 18 + 1 + 4 + 34384)^2 \\35005^2 &:= 1225350025 = (-1 + 2 + 2 + 5 + 35002 - 5)^2 \\35005^2 &:= 1225350025 = (-1 + 2 + 2 - 5 + 35002 + 5)^2\end{aligned}$$

$$\begin{aligned} 35144^2 &:= 1235100736 = (-1 + 2 + 35100 + 7 + 36)^2 \\ 35145^2 &:= 1235171025 = (1 - 2 + 35171 - 025)^2 \\ 35442^2 &:= 1256135364 = (12 + 5 + 61 + 35364)^2 \\ 35519^2 &:= 1261599361 = (-1 + 26159 + 9361)^2 \\ 36005^2 &:= 1296360025 = (-1 + 2 - 9 + 6 + 36002 + 5)^2 \\ 36125^2 &:= 1305015625 = (-1 + 30501 + 5625)^2 \\ 36211^2 &:= 1311236521 = (-1 - 311 + 2 + 36521)^2 \\ 36244^2 &:= 1313627536 = (1 + 3 + 1 + 36275 - 36)^2 \\ 36434^2 &:= 1327436356 = (-1 + 3 + 2 + 74 + 36356)^2 \\ 36558^2 &:= 1336487364 = (1 + 3 + 36487 + 3 + 64)^2 \\ 36559^2 &:= 1336560481 = (1 + 3 + 36560 + 4 - 8 - 1)^2 \\ 36560^2 &:= 1336633600 = (-13 + 36633 - 60 + 0)^2 \\ 36761^2 &:= 1351371121 = (1 - 351 + 37112 - 1)^2 \\ 36855^2 &:= 1358291025 = (1 + 35829 + 1025)^2 \\ 36866^2 &:= 1359101956 = (1 + 35910 - 1 + 956)^2 \\ 36968^2 &:= 1366633024 = (-1 + 36663 + 302 + 4)^2 \\ 37004^2 &:= 1369296016 = (-1 + 36929 + 60 + 16)^2 \\ 37005^2 &:= 1369370025 = (13 - 6 - 9 + 37002 + 5)^2 \\ 37007^2 &:= 1369518049 = (-1 + 36951 + 8 + 049)^2 \\ 37013^2 &:= 1369962169 = (1 + 36996 + 2 - 1 + 6 + 9)^2 \\ 37014^2 &:= 1370036196 = (1 + 37003 + 6 + 1 + 9 - 6)^2 \\ 37015^2 &:= 1370110225 = (-1 + 37011 + 02 - 2 + 5)^2 \\ 37016^2 &:= 1370184256 = (1 + 37018 - 4 + 2 + 5 - 6)^2 \\ 37017^2 &:= 1370258289 = (-1 + 37025 + 8 + 2 - 8 - 9)^2 \\ 37021^2 &:= 1370554441 = (-1 + 37055 + 4 + 4 - 41)^2 \\ 37024^2 &:= 1370776576 = (-1 + 37077 - 65 + 7 + 6)^2 \\ 37026^2 &:= 1370924676 = (-1 + 37092 - 4 - 67 + 6)^2 \\ 37027^2 &:= 1370998729 = (1 + 37099 + 8 - 72 - 9)^2 \\ 37028^2 &:= 1371072784 = (1 + 37107 + 2 - 78 - 4)^2 \\ 37031^2 &:= 1371294961 = (1 + 37129 - 4 - 96 + 1)^2 \\ 37389^2 &:= 1397937321 = (1 - 3 - 9 + 79 + 37321)^2 \\ 37515^2 &:= 1407375225 = (1 + 4 - 07 + 37522 - 5)^2 \\ 37919^2 &:= 1437850561 = (-1 + 4 + 37850 + 5 + 61)^2 \\ 37961^2 &:= 1441037521 = (-1 + 441 + 037521)^2 \\ 38162^2 &:= 1456338244 = (-14 - 5 - 63 + 38244)^2 \\ 38388^2 &:= 1473638544 = (-147 - 3 - 6 + 38544)^2 \end{aligned}$$

$$\begin{aligned} 38521^2 &:= 1483867441 = (-148 + 38674 - 4 - 1)^2 \\ 38709^2 &:= 1498386681 = (1 + 49 - 8 + 38668 - 1)^2 \\ 38962^2 &:= 1518037444 = (1518 + 037444)^2 \\ 39233^2 &:= 1539228289 = (-1 + 5 + 39228 + 2 + 8 - 9)^2 \\ 39293^2 &:= 1543939849 = (-154 + 39398 + 49)^2 \\ 39368^2 &:= 1549839424 = (-1 - 54 - 9 + 8 + 39424)^2 \\ 39420^2 &:= 1553936400 = (1 + 55 + 39364 + 00)^2 \\ 39577^2 &:= 1566338929 = (-15 + 663 + 38929)^2 \\ 39603^2 &:= 1568397609 = (-156 + 8 + 39760 - 9)^2 \\ 39654^2 &:= 1572439716 = (1 - 57 - 2 - 4 + 39716)^2 \\ 39859^2 &:= 1588739881 = (-15 + 8 - 8 - 7 + 39881)^2 \\ 39998^2 &:= 1599840004 = (-1 + 5 - 9 - 9 + 8 + 40004)^2 \\ 40617^2 &:= 1649740689 = (-16 - 49 - 7 + 40689)^2 \\ 41005^2 &:= 1681410025 = (1 + 6 - 8 - 1 + 41002 + 5)^2 \\ 41149^2 &:= 1693240201 = (16 + 932 + 40201)^2 \\ 41814^2 &:= 1748410596 = (1 + 748 + 41059 + 6)^2 \\ 42005^2 &:= 1764420025 = (-1 + 7 + 6 - 4 + 42002 - 5)^2 \\ 42266^2 &:= 1786414756 = (-1 + 786 + 41475 + 6)^2 \\ 42643^2 &:= 1818425449 = (1 + 81 + 8 + 42544 + 9)^2 \\ 43005^2 &:= 1849430025 = (1 - 8 - 4 + 9 + 43002 + 5)^2 \\ 43409^2 &:= 1884341281 = (-18 + 8 + 43412 + 8 - 1)^2 \\ 43639^2 &:= 1904362321 = (19 + 043623 - 2 - 1)^2 \\ 43697^2 &:= 1909427809 = (-1 + 909 + 42780 + 9)^2 \\ 44091^2 &:= 1944016281 = (1 - 9 + 44016 + 2 + 81)^2 \\ 44092^2 &:= 1944104464 = (-1 - 9 + 44104 - 4 + 6 - 4)^2 \\ 44269^2 &:= 1959744361 = (1 - 95 + 9 - 7 + 44361)^2 \\ 45224^2 &:= 2045210176 = (2 + 045210 - 1 + 7 + 6)^2 \\ 45657^2 &:= 2084561649 = (20 + 8 + 45616 + 4 + 9)^2 \\ 45876^2 &:= 2104607376 = (-210 + 46073 + 7 + 6)^2 \\ 46005^2 &:= 2116460025 = (2 + 1 - 1 + 6 + 46002 - 5)^2 \\ 46279^2 &:= 2141745841 = (21 + 417 + 45841)^2 \\ 46878^2 &:= 2197546884 = (-2 - 1 + 9 - 7 - 5 + 46884)^2 \\ 47167^2 &:= 2224725889 = (2 - 2 - 2 + 47258 - 89)^2 \\ 47355^2 &:= 2242496025 = (-2242 + 49602 - 5)^2 \\ 47576^2 &:= 2263475776 = (-2 - 2 + 6 + 3 + 47577 - 6)^2 \\ 48064^2 &:= 2310148096 = (-2 - 31 + 01 + 48096)^2 \end{aligned}$$

$$\begin{aligned} 48090^2 &:= 2312648100 = (2 - 3 - 1 - 2 - 6 + 48100)^2 \\ 48461^2 &:= 2348468521 = (-2 + 3 + 48468 - 5 - 2 - 1)^2 \\ 48464^2 &:= 2348759296 = (-2 + 3 + 48759 - 296)^2 \\ 48533^2 &:= 2355452089 = (-2 - 3554 + 52089)^2 \\ 48790^2 &:= 2380464100 = (2380 + 46410 + 0)^2 \\ 48835^2 &:= 2384857225 = (238 + 48572 + 25)^2 \\ 49168^2 &:= 2417492224 = (-2 - 41 - 7 + 49222 - 4)^2 \\ 49259^2 &:= 2426449081 = (242 - 64 + 49081)^2 \\ 49492^2 &:= 2449458064 = (24 + 49458 + 06 + 4)^2 \\ 49500^2 &:= 2450250000 = (-2 + 4 - 502 + 50000)^2 \\ 49563^2 &:= 2456490969 = (2 + 456 + 49096 + 9)^2 \\ 49906^2 &:= 2490608836 = (2 + 49060 + 8 + 836)^2 \\ 49995^2 &:= 2499500025 = (2 - 4 + 9 - 9 + 50002 - 5)^2 \\ 50015^2 &:= 2501500225 = (2 - 5 + 01 + 50022 - 5)^2 \\ 50050^2 &:= 2505002500 = (25 + 050025 + 00)^2 \\ 50094^2 &:= 2509408836 = (-2 + 50940 - 8 - 836)^2 \\ 50224^2 &:= 2522450176 = (2 + 52 - 2 - 4 + 50176)^2 \\ 50501^2 &:= 2550351001 = (-2 + 5 - 503 + 51001)^2 \\ 51073^2 &:= 2608451329 = (-260 + 8 - 4 + 51329)^2 \\ 51230^2 &:= 2624512900 = (-2 - 62 + 4 + 51290 + 0)^2 \\ 51285^2 &:= 2630151225 = (-2 + 63 - 01 + 51225)^2 \\ 51454^2 &:= 2647514116 = (26 + 4 + 7 + 51411 + 6)^2 \\ 51469^2 &:= 2649057961 = (-2 - 6490 + 57961)^2 \\ 51528^2 &:= 2655134784 = (265 + 51347 - 84)^2 \\ 51911^2 &:= 2694751921 = (-2 - 6 + 9 - 4 - 7 + 51921)^2 \\ 51937^2 &:= 2697451969 = (-26 - 9 + 7 - 4 + 51969)^2 \\ 52110^2 &:= 2715452100 = (-2 - 7 + 15 + 4 + 52100)^2 \\ 52712^2 &:= 2778554944 = (-2778 + 55494 - 4)^2 \\ 52920^2 &:= 2800526400 = (280 + 052640 + 0)^2 \\ 52965^2 &:= 2805291225 = (28 + 052912 + 25)^2 \\ 53123^2 &:= 2822053129 = (2 - 8 + 2 - 2 + 053129)^2 \\ 53415^2 &:= 2853162225 = (28 + 53162 + 225)^2 \\ 53529^2 &:= 2865353841 = (-2 - 8 + 6 + 53538 - 4 - 1)^2 \\ 54005^2 &:= 2916540025 = (2 - 9 - 1 + 6 + 54002 + 5)^2 \\ 54116^2 &:= 2928541456 = (-29 - 2 + 8 + 54145 - 6)^2 \\ 54354^2 &:= 2954357316 = (-2 + 9 + 54357 - 3 - 1 - 6)^2 \end{aligned}$$

$$\begin{aligned} 54364^2 &:= 2955444496 = (2 + 9 + 5 + 54444 - 96)^2 \\ 54456^2 &:= 2965455936 = (2 - 96 + 54559 - 3 - 6)^2 \\ 54466^2 &:= 2966545156 = (2 + 9 - 66 + 54515 + 6)^2 \\ 54731^2 &:= 2995482361 = (2 - 99 + 54823 + 6 - 1)^2 \\ 55045^2 &:= 3029952025 = (3029 - 9 + 52025)^2 \\ 55907^2 &:= 3125592649 = (-3 - 1 - 2 + 55926 - 4 - 9)^2 \\ 56705^2 &:= 3215457025 = (-321 + 5 - 4 + 57025)^2 \\ 56926^2 &:= 3240569476 = (-3 - 24 + 056947 + 6)^2 \\ 56971^2 &:= 3245694841 = (32 - 4 + 56948 - 4 - 1)^2 \\ 57005^2 &:= 3249570025 = (-3 - 2 + 4 + 9 + 57002 - 5)^2 \\ 57393^2 &:= 3293956449 = (3 + 2 + 939 + 56449)^2 \\ 57547^2 &:= 3311657209 = (331 + 1 + 6 + 57209)^2 \\ 57903^2 &:= 3352757409 = (-33 + 527 + 57409)^2 \\ 57948^2 &:= 3357970704 = (-33 + 57970 + 7 + 04)^2 \\ 58005^2 &:= 3364580025 = (3 + 3 + 6 - 4 + 58002 - 5)^2 \\ 58443^2 &:= 3415584249 = (34 - 1 - 5 + 58424 - 9)^2 \\ 58665^2 &:= 3441582225 = (-3 + 441 + 58222 + 5)^2 \\ 58811^2 &:= 3458733721 = (3 + 4 + 58733 + 72 - 1)^2 \\ 58812^2 &:= 3458851344 = (-34 + 58851 + 3 - 4 - 4)^2 \\ 59005^2 &:= 3481590025 = (-3 + 4 + 8 - 1 + 59002 - 5)^2 \\ 59284^2 &:= 3514592656 = (3 + 5 + 1 + 4 + 59265 + 6)^2 \\ 59368^2 &:= 3524559424 = (-3 - 52 + 4 - 5 + 59424)^2 \\ 59663^2 &:= 3559673569 = (3 - 5 + 59673 - 5 + 6 - 9)^2 \\ 59721^2 &:= 3566597841 = (-3 + 5 - 66 + 59784 + 1)^2 \\ 60003^2 &:= 3600360009 = (3 - 6 - 003 + 60009)^2 \\ 60030^2 &:= 3603600900 = (3 - 60 - 3 + 60090 + 0)^2 \\ 60424^2 &:= 3651059776 = (-3 + 651 + 059776)^2 \\ 61312^2 &:= 3759161344 = (-37 - 5 + 9 + 1 + 61344)^2 \\ 61613^2 &:= 3796161769 = (-3 - 7 + 9 + 61617 + 6 - 9)^2 \\ 62146^2 &:= 3862125316 = (3 + 8 + 62125 + 3 + 1 + 6)^2 \\ 62150^2 &:= 3862622500 = (-38 - 62 + 62250 + 0)^2 \\ 62503^2 &:= 3906625009 = (-3 + 9 + 06 + 62500 - 9)^2 \\ 64229^2 &:= 4125364441 = (41 - 253 + 64441)^2 \\ 64341^2 &:= 4139764281 = (41 + 3 + 9 + 7 + 64281)^2 \\ 64559^2 &:= 4167864481 = (4 - 1 + 67 + 8 + 64481)^2 \\ 65242^2 &:= 4256518564 = (42 + 5 + 65185 + 6 + 4)^2 \end{aligned}$$

$$\begin{aligned}65289^2 &:= 4262653521 = (-4 + 2 - 62 + 65352 + 1)^2 \\65526^2 &:= 4293656676 = (-42 - 93 + 65667 - 6)^2 \\66005^2 &:= 4356660025 = (4 + 3 - 5 + 6 + 66002 - 5)^2 \\66287^2 &:= 4393966369 = (-4 - 39 - 39 + 66369)^2 \\66834^2 &:= 4466783556 = (4 - 4 + 66783 - 5 + 56)^2 \\66946^2 &:= 4481766916 = (44 - 8 + 1 - 7 + 66916)^2 \\67132^2 &:= 4506705424 = (4 + 50 + 67054 + 24)^2 \\67281^2 &:= 4526732961 = (-45 + 2 + 67329 - 6 + 1)^2 \\68005^2 &:= 4624680025 = (4 + 6 + 2 - 4 + 68002 - 5)^2 \\68428^2 &:= 4682391184 = (4 + 68239 + 1 + 184)^2 \\68439^2 &:= 4683896721 = (4 + 68389 + 67 - 21)^2 \\68442^2 &:= 4684307364 = (4 + 68430 + 7 + 3 - 6 + 4)^2 \\68443^2 &:= 4684444249 = (-4 + 68444 - 4 + 2 - 4 + 9)^2 \\68444^2 &:= 4684581136 = (4 + 68458 + 1 - 13 - 6)^2 \\68487^2 &:= 4690469169 = (4 - 690 + 4 + 69169)^2 \\68598^2 &:= 4705685604 = (47 - 05 + 68560 - 4)^2 \\68825^2 &:= 4736880625 = (4 - 7 - 3 + 68806 + 25)^2 \\68947^2 &:= 4753688809 = (4 + 75 - 3 + 68880 - 9)^2 \\69005^2 &:= 4761690025 = (-4 + 7 + 6 - 1 + 69002 - 5)^2 \\69058^2 &:= 4769007364 = (4 + 7 + 69007 + 36 + 4)^2 \\69157^2 &:= 4782690649 = (4 + 78 + 2 + 69064 + 9)^2 \\69332^2 &:= 4806926224 = (-4 + 80 + 69262 - 2 - 4)^2 \\69388^2 &:= 4814694544 = (-48 - 14 + 69454 - 4)^2 \\69426^2 &:= 4819969476 = (48 + 1 - 99 + 69476)^2 \\69521^2 &:= 4833169441 = (48 + 33 - 1 + 69441)^2 \\69669^2 &:= 4853769561 = (48 + 53 + 7 + 69561)^2 \\70223^2 &:= 4931269729 = (493 - 1 + 2 + 69729)^2 \\70265^2 &:= 4937170225 = (49 - 3 - 7 + 1 + 70225)^2 \\71005^2 &:= 5041710025 = (5 + 04 - 1 + 71002 - 5)^2 \\71230^2 &:= 5073712900 = (-50 - 7 - 3 + 71290 + 0)^2 \\71636^2 &:= 5131716496 = (5 - 13 + 1 + 71649 - 6)^2 \\71874^2 &:= 5165871876 = (-5 + 16 - 5 - 8 + 71876)^2 \\71916^2 &:= 5171911056 = (5 + 1 + 71911 + 05 - 6)^2 \\72005^2 &:= 5184720025 = (5 - 1 + 8 - 4 + 72002 - 5)^2 \\72612^2 &:= 5272502544 = (52 + 72502 + 54 + 4)^2 \\72703^2 &:= 5285726209 = (5 + 2 + 85 + 72620 - 9)^2\end{aligned}$$

$$\begin{aligned}72714^2 &:= 5287325796 = (-528 + 73257 - 9 - 6)^2 \\73032^2 &:= 5333673024 = (5 + 3 + 3 + 3 - 6 + 73024)^2 \\73786^2 &:= 5444373796 = (5 - 4 - 4 - 4 - 3 + 73796)^2 \\73986^2 &:= 5473928196 = (54 + 73928 + 1 + 9 - 6)^2 \\74005^2 &:= 5476740025 = (5 + 4 - 7 + 6 + 74002 - 5)^2 \\74149^2 &:= 5498074201 = (5 - 49 - 8 + 074201)^2 \\74557^2 &:= 5558746249 = (-55 + 5 - 8 + 74624 - 9)^2 \\74647^2 &:= 5572174609 = (5 + 5 + 7 + 21 + 74609)^2 \\74660^2 &:= 5574115600 = (-55 + 74115 + 600)^2 \\74664^2 &:= 5574712896 = (-55 + 74712 - 8 + 9 + 6)^2 \\74778^2 &:= 5591749284 = (-55 - 91 + 74928 - 4)^2 \\75005^2 &:= 5625750025 = (5 + 6 + 2 - 5 + 75002 - 5)^2 \\75085^2 &:= 5637757225 = (5 - 637 + 75722 - 5)^2 \\75331^2 &:= 5674759561 = (5 + 6 + 74759 + 561)^2 \\75355^2 &:= 5678376025 = (5 - 678 + 3 + 76025)^2 \\75884^2 &:= 5758381456 = (-5 + 75838 - 1 - 4 + 56)^2 \\75888^2 &:= 5758988544 = (-5 + 75898 + 8 - 5 - 4 - 4)^2 \\75919^2 &:= 5763694561 = (5 + 76369 - 456 + 1)^2 \\75948^2 &:= 5768098704 = (5 + 76809 - 870 + 4)^2 \\76185^2 &:= 5804154225 = (-5 + 80415 - 4225)^2 \\76339^2 &:= 5827642921 = (-5 - 82 + 76429 - 2 - 1)^2 \\76851^2 &:= 5906076201 = (590 + 60 + 76201)^2 \\77121^2 &:= 5947648641 = (594 + 76486 + 41)^2 \\77716^2 &:= 6039776656 = (6 + 039 + 77665 + 6)^2 \\77778^2 &:= 6049417284 = (60494 + 17284)^2 \\77896^2 &:= 6067786816 = (6 + 06 + 77868 + 16)^2 \\77961^2 &:= 6077917521 = (60 + 77917 + 5 - 21)^2 \\78005^2 &:= 6084780025 = (-6 + 08 - 4 + 78002 + 5)^2 \\78388^2 &:= 6144678544 = (-6 - 144 - 6 + 78544)^2 \\78472^2 &:= 6157854784 = (-6 + 15 + 78547 - 84)^2 \\78606^2 &:= 6178903236 = (-61 + 78903 - 236)^2 \\78663^2 &:= 6187867569 = (-6 + 1 + 8 + 78675 - 6 - 9)^2 \\78917^2 &:= 6227892889 = (6 + 2 - 2 + 78928 - 8 - 9)^2 \\79242^2 &:= 6279294564 = (6 + 2 + 79294 - 56 - 4)^2 \\79516^2 &:= 6322794256 = (63 + 22 + 79425 + 6)^2 \\79938^2 &:= 6390083844 = (-6 - 3900 + 83844)^2\end{aligned}$$

$$\begin{aligned}79980^2 &:= 6396800400 = (-63 + 9 - 6 + 80040 + 0)^2 \\79993^2 &:= 6398880049 = (-63 - 9 + 8 + 8 + 80049)^2 \\80003^2 &:= 6400480009 = (-6 + 4 - 004 + 80009)^2 \\80005^2 &:= 6400800025 = (-6 + 4 + 0080002 + 5)^2 \\80030^2 &:= 6404800900 = (-64 + 04 + 80090 + 0)^2 \\81005^2 &:= 6561810025 = (6 - 5 + 6 + 1 + 81002 - 5)^2 \\81079^2 &:= 6573804241 = (657 - 3 + 80424 + 1)^2 \\81118^2 &:= 6580129924 = (65 + 80129 + 924)^2 \\81124^2 &:= 6581103376 = (6 + 5 + 81103 - 3 + 7 + 6)^2 \\81528^2 &:= 6646814784 = (6 - 6 + 46 + 81478 + 4)^2 \\82045^2 &:= 6731382025 = (6 + 7 + 3 + 1 + 3 + 82025)^2 \\82320^2 &:= 6776582400 = (-6 + 7 - 76 - 5 + 82400)^2 \\82563^2 &:= 6816648969 = (-6 + 81664 + 896 + 9)^2 \\82606^2 &:= 6823751236 = (-6 + 82375 + 1 + 236)^2 \\82617^2 &:= 6825568689 = (-6 + 82556 + 8 + 68 - 9)^2 \\82619^2 &:= 6825899161 = (6 + 82589 + 9 + 16 - 1)^2 \\82620^2 &:= 6826064400 = (6 + 82606 + 4 + 4 + 00)^2 \\82624^2 &:= 6826725376 = (6 + 82672 - 53 - 7 + 6)^2 \\82626^2 &:= 6827055876 = (-6 + 82705 - 5 + 8 - 76)^2 \\82631^2 &:= 6827882161 = (6 + 82788 - 2 - 161)^2 \\82656^2 &:= 6832014336 = (68320 + 14336)^2 \\82829^2 &:= 6860643241 = (6 + 86064 - 3241)^2 \\83537^2 &:= 6978430369 = (-697 + 84303 - 69)^2 \\83581^2 &:= 6985783561 = (69 + 8 - 57 + 83561)^2 \\84005^2 &:= 7056840025 = (7 - 05 + 6 + 84002 - 5)^2 \\84013^2 &:= 7058184169 = (-70 - 5 - 81 + 84169)^2 \\84348^2 &:= 7114585104 = (-711 - 45 + 85104)^2 \\84380^2 &:= 7119984400 = (7 + 1 - 19 - 9 + 84400)^2 \\84763^2 &:= 7184766169 = (-71 + 84766 - 1 + 69)^2 \\85005^2 &:= 7225850025 = (7 - 2 - 2 + 5 + 85002 - 5)^2 \\85212^2 &:= 7261084944 = (7 + 261 + 084944)^2 \\85256^2 &:= 7268585536 = (-7 - 268 - 5 + 85536)^2 \\85877^2 &:= 7374859129 = (7 - 37 + 4 + 85912 - 9)^2 \\85941^2 &:= 7385855481 = (73 + 85855 + 4 + 8 + 1)^2 \\86537^2 &:= 7488652369 = (7 - 4 + 8 + 86523 - 6 + 9)^2 \\86746^2 &:= 7524868516 = (-75 - 24 + 86851 - 6)^2\end{aligned}$$

$$\begin{aligned}86878^2 &:= 7547786884 = (7 + 5 - 4 - 7 - 7 + 86884)^2 \\87228^2 &:= 7608723984 = (7 - 6 + 087239 - 8 - 4)^2 \\87475^2 &:= 7651875625 = (-76 - 5 - 1 + 87562 - 5)^2 \\87515^2 &:= 7658875225 = (7 - 6 + 5 - 8 + 87522 - 5)^2 \\87571^2 &:= 7668680041 = (766 + 86800 + 4 + 1)^2 \\88005^2 &:= 7744880025 = (7 - 7 + 4 + 4 + 88002 - 5)^2 \\88311^2 &:= 7798832721 = (7 + 7 - 9 + 88327 - 21)^2 \\88656^2 &:= 7859886336 = (7 + 8 + 5 + 9 + 88633 - 6)^2 \\88768^2 &:= 7879757824 = (7 + 87975 + 782 + 4)^2 \\88812^2 &:= 7887571344 = (7 + 88757 + 1 + 3 + 44)^2 \\88813^2 &:= 7887748969 = (7 + 88774 + 8 + 9 + 6 + 9)^2 \\88816^2 &:= 7888281856 = (7 + 88828 - 18 + 5 - 6)^2 \\89632^2 &:= 8033895424 = (80 + 3 + 3 + 89542 + 4)^2 \\89827^2 &:= 8068889929 = (-80 - 6 - 8 - 8 + 89929)^2 \\90005^2 &:= 8100900025 = (8 - 10 + 090002 + 5)^2 \\90101^2 &:= 8118190201 = (-81 - 18 - 1 + 90201)^2 \\90819^2 &:= 8248090761 = (8 + 2 + 48 + 090761)^2 \\90906^2 &:= 8263900836 = (826 + 3 + 90083 - 6)^2 \\91264^2 &:= 8329117696 = (83 + 2 + 91176 + 9 - 6)^2 \\91756^2 &:= 8419163536 = (84 + 1 + 91635 + 36)^2 \\92005^2 &:= 8464920025 = (-8 + 4 + 6 - 4 + 92002 + 5)^2 \\92408^2 &:= 8539238464 = (85 + 3 + 92384 - 64)^2 \\92729^2 &:= 8598667441 = (85986 + 6744 - 1)^2 \\92752^2 &:= 8602933504 = (8 - 602 + 93350 - 4)^2 \\93048^2 &:= 8657930304 = (8 - 6 + 5 + 7 + 93030 + 4)^2 \\93213^2 &:= 8688663369 = (86886 + 6336 - 9)^2 \\93402^2 &:= 8723933604 = (8 + 7 + 23 + 93360 + 4)^2 \\93574^2 &:= 8756093476 = (87 + 5 + 6 + 093476)^2 \\93728^2 &:= 8784937984 = (8 - 78 + 4 + 93798 - 4)^2 \\93776^2 &:= 8793938176 = (-87 + 93938 + 1 - 76)^2 \\93929^2 &:= 8822657041 = (88226 + 5704 - 1)^2 \\94141^2 &:= 8862527881 = (8 + 86252 + 7881)^2 \\94579^2 &:= 8945187241 = (-8 + 94518 + 72 - 4 + 1)^2 \\94581^2 &:= 8945565561 = (8 + 94556 + 5 + 5 + 6 + 1)^2 \\94582^2 &:= 8945754724 = (8 + 94575 + 4 - 7 - 2 + 4)^2 \\94589^2 &:= 8947078921 = (-8 + 94707 - 89 - 21)^2\end{aligned}$$

$$\begin{aligned} 94841^2 &:= 8994815281 = (8 + 9 + 94815 + 2 + 8 - 1)^2 \\ 94842^2 &:= 8995004964 = (-89 + 95004 - 9 - 64)^2 \\ 95005^2 &:= 9025950025 = (-9 + 02 + 5 + 95002 + 5)^2 \\ 95121^2 &:= 9048004641 = (90480 + 04641)^2 \\ 95444^2 &:= 9109557136 = (-91 + 095571 - 36)^2 \\ 95601^2 &:= 9139551201 = (91 - 3 + 95512 + 01)^2 \\ 95786^2 &:= 9174957796 = (9 + 1 + 7 - 4 + 95779 - 6)^2 \\ 95786^2 &:= 9174957796 = (-9 - 1 + 7 + 4 + 95779 + 6)^2 \\ 96005^2 &:= 9216960025 = (-9 + 2 - 1 + 6 + 96002 + 5)^2 \\ 96067^2 &:= 9228868489 = (9228 + 86848 - 9)^2 \\ 96418^2 &:= 9296430724 = (-9 + 2 + 96430 - 7 - 2 + 4)^2 \\ 96522^2 &:= 9316496484 = (9 + 31 - 6 + 4 + 96484)^2 \\ 96870^2 &:= 9383796900 = (-9 - 3 - 8 - 3 - 7 + 96900)^2 \\ 97137^2 &:= 9435596769 = (9 + 4 + 355 + 96769)^2 \\ 97514^2 &:= 9508980196 = (9 - 508 + 98019 - 6)^2 \\ 98234^2 &:= 9649918756 = (-964 + 99187 + 5 + 6)^2 \\ 98263^2 &:= 9655617169 = (96556 + 1716 - 9)^2 \\ 98437^2 &:= 9689842969 = (9 + 6 + 8 + 98429 - 6 - 9)^2 \\ 98914^2 &:= 9783979396 = (978 + 3 + 97939 - 6)^2 \\ 99005^2 &:= 9801990025 = (-9 + 8 - 01 + 99002 + 5)^2 \\ 99084^2 &:= 9817639056 = (98176 - 3 + 905 + 6)^2 \\ 99111^2 &:= 9822990321 = (98229 + 903 - 21)^2 \\ 99126^2 &:= 9825963876 = (98259 - 6 - 3 + 876)^2 \\ 99226^2 &:= 9845799076 = (98 + 45 + 7 + 99076)^2 \\ 99244^2 &:= 9849371536 = (98493 + 715 + 36)^2 \\ 99343^2 &:= 9869031649 = (98690 + 3 + 1 + 649)^2 \\ 99397^2 &:= 9879763609 = (98797 - 6 - 3 + 609)^2 \\ 99505^2 &:= 9901245025 = (99012 - 4 + 502 - 5)^2 \\ 99559^2 &:= 9911994481 = (99119 - 9 + 448 + 1)^2 \\ 99569^2 &:= 9913985761 = (991 + 3 + 98576 - 1)^2 \\ 99628^2 &:= 9925738384 = (99257 + 383 - 8 - 4)^2 \\ 99630^2 &:= 9926136900 = (99261 + 369 + 00)^2 \\ 99631^2 &:= 9926336161 = (99263 + 361 + 6 + 1)^2 \\ 99656^2 &:= 9931318336 = (99313 - 1 + 8 + 336)^2 \\ 99703^2 &:= 9940688209 = (99406 + 88 + 209)^2 \\ 99713^2 &:= 9942682369 = (99426 - 82 + 369)^2 \end{aligned}$$

$$\begin{aligned}99765^2 &:= 9953055225 = (99530 + 5 + 5 + 225)^2 \\99785^2 &:= 9957046225 = (99570 - 4 - 6 + 225)^2 \\99802^2 &:= 9960439204 = (99604 + 3 - 9 + 204)^2 \\99866^2 &:= 9973217956 = (99732 - 1 + 79 + 56)^2 \\99869^2 &:= 9973817161 = (99738 - 1 + 71 + 61)^2 \\99877^2 &:= 9975415129 = (99754 - 1 - 5 + 129)^2 \\99886^2 &:= 9977212996 = (99772 + 129 - 9 - 6)^2 \\99891^2 &:= 9978211881 = (99782 + 118 - 8 - 1)^2 \\99899^2 &:= 9979810201 = (99798 + 102 - 01)^2 \\99900^2 &:= 9980010000 = (99800 + 100 + 00)^2 \\99901^2 &:= 9980209801 = (99802 + 098 + 01)^2 \\99909^2 &:= 9981808281 = (99818 + 082 + 8 + 1)^2 \\99914^2 &:= 9982807396 = (99828 - 07 - 3 + 96)^2 \\99918^2 &:= 9983606724 = (99836 + 06 + 72 + 4)^2 \\99922^2 &:= 9984406084 = (99844 - 06 + 084)^2 \\99924^2 &:= 9984805776 = (99848 + 05 + 77 - 6)^2 \\99937^2 &:= 9987403969 = (99874 + 03 - 9 + 69)^2 \\99942^2 &:= 9988403364 = (99884 - 03 - 3 + 64)^2 \\99945^2 &:= 9989003025 = (99890 + 030 + 25)^2 \\99955^2 &:= 9991002025 = (99910 + 020 + 25)^2 \\99956^2 &:= 9991201936 = (99912 - 01 + 9 + 36)^2 \\99964^2 &:= 9992801296 = (99928 + 01 + 29 + 6)^2 \\99986^2 &:= 9997200196 = (99972 - 001 + 9 + 6)^2 \\99989^2 &:= 9997800121 = (99978 + 0012 - 1)^2 \\99990^2 &:= 9998000100 = (99980 + 0010 + 0)^2 \\99991^2 &:= 9998200081 = (99982 + 0008 + 1)^2 \\99999^2 &:= 9999800001 = (99998 + 00001)^2\end{aligned}$$

$$\begin{aligned}100001^2 &:= 10000200001 = (100002 + 0000 - 1)^2 \\100009^2 &:= 10001800081 = (100018 + 000 - 8 - 1)^2 \\100010^2 &:= 10002000100 = (100020 - 0010 + 0)^2 \\100011^2 &:= 10002200121 = (100022 - 0012 + 1)^2 \\100014^2 &:= 10002800196 = (100028 + 001 - 9 - 6)^2 \\100036^2 &:= 10007201296 = (100072 - 01 - 29 - 6)^2 \\100044^2 &:= 10008801936 = (100088 + 01 - 9 - 36)^2 \\100045^2 &:= 10009002025 = (100090 - 020 - 25)^2 \\100055^2 &:= 10011003025 = (100110 - 030 - 25)^2\end{aligned}$$

$$\begin{aligned}100058^2 &:= 10011603364 = (100116 + 03 + 3 - 64)^2 \\100063^2 &:= 10012603969 = (100126 - 03 + 9 - 69)^2 \\100076^2 &:= 10015205776 = (100152 - 05 - 77 + 6)^2 \\100078^2 &:= 10015606084 = (100156 + 06 - 084)^2 \\100082^2 &:= 10016406724 = (100164 - 06 - 72 - 4)^2 \\100086^2 &:= 10017207396 = (100172 + 07 + 3 - 96)^2 \\100091^2 &:= 10018208281 = (100182 - 082 - 8 - 1)^2 \\100099^2 &:= 10019809801 = (100198 - 098 - 01)^2 \\100100^2 &:= 10020010000 = (100200 - 100 + 00)^2 \\100101^2 &:= 10020210201 = (100202 - 102 + 01)^2 \\100105^2 &:= 10021011025 = (-1002 + 101102 + 5)^2 \\100109^2 &:= 10021811881 = (100218 - 118 + 8 + 1)^2 \\100114^2 &:= 10022812996 = (100228 - 129 + 9 + 6)^2 \\100123^2 &:= 10024615129 = (100246 + 1 + 5 - 129)^2 \\100131^2 &:= 10026217161 = (100262 + 1 - 71 - 61)^2 \\100134^2 &:= 10026817956 = (100268 + 1 - 79 - 56)^2 \\100198^2 &:= 10039639204 = (100396 - 3 + 9 - 204)^2 \\100215^2 &:= 10043046225 = (100430 + 4 + 6 - 225)^2 \\100235^2 &:= 10047055225 = (100470 - 5 - 5 - 225)^2 \\100287^2 &:= 10057482369 = (100574 + 82 - 369)^2 \\100297^2 &:= 10059488209 = (100594 - 88 - 209)^2 \\100344^2 &:= 10068918336 = (100689 - 1 - 8 - 336)^2 \\100372^2 &:= 10074538384 = (100745 + 3 + 8 - 384)^2 \\100523^2 &:= 10104873529 = (101048 + 7 - 3 - 529)^2 \\100603^2 &:= 10120963609 = (101209 + 6 - 3 - 609)^2 \\100685^2 &:= 10137469225 = (101374 - 692 - 2 + 5)^2 \\100686^2 &:= 10137670596 = (101376 - 705 + 9 + 6)^2 \\100803^2 &:= 10161244809 = (101612 + 4 - 4 - 809)^2 \\100803^2 &:= 10161244809 = (101612 - 4 + 4 - 809)^2 \\100805^2 &:= 10161648025 = (101616 - 4 - 802 - 5)^2 \\100825^2 &:= 10165680625 = (101656 - 806 - 25)^2 \\100946^2 &:= 10190094916 = (101900 - 949 + 1 - 6)^2 \\100959^2 &:= 10192719681 = (101927 + 1 - 968 - 1)^2 \\100959^2 &:= 10192719681 = (101927 - 1 - 968 + 1)^2 \\101123^2 &:= 10225861129 = (102258 - 6 - 1129)^2 \\101937^2 &:= 10391151969 = (103911 - 5 - 1969)^2\end{aligned}$$

$$\begin{aligned}102798^2 &:= 10567428804 = (105674 - 2880 + 4)^2 \\103301^2 &:= 10671096601 = (-10 + 6710 + 96601)^2 \\104878^2 &:= 10999394884 = (1 + 09993 + 94884)^2 \\104939^2 &:= 11012193721 = (-1 + 101219 + 3721)^2 \\105041^2 &:= 11033611681 = (-1 + 103361 + 1681)^2 \\105093^2 &:= 11044538649 = (-1 + 104453 - 8 + 649)^2 \\105112^2 &:= 11048532544 = (1 + 104853 + 254 + 4)^2 \\105122^2 &:= 11050634884 = (-1 + 105063 + 48 + 8 + 4)^2 \\105123^2 &:= 11050845129 = (-1 + 105084 + 51 - 2 - 9)^2 \\105125^2 &:= 11051265625 = (1 + 105126 - 5 + 6 + 2 - 5)^2 \\105171^2 &:= 11060939241 = (1 + 106093 - 924 + 1)^2 \\105382^2 &:= 11105365924 = (1 + 1 + 105365 + 9 + 2 + 4)^2 \\105613^2 &:= 11154105769 = (-1 - 1 - 154 + 105769)^2 \\105952^2 &:= 11225826304 = (112258 - 2 - 6304)^2 \\106854^2 &:= 11417777316 = (114177 - 7 - 7316)^2 \\106861^2 &:= 11419273321 = (114192 - 7332 + 1)^2 \\108769^2 &:= 11830695361 = (118306 - 9536 - 1)^2 \\109376^2 &:= 11963109376 = (1 - 1 + 9 - 6 - 3 + 109376)^2 \\110005^2 &:= 12101100025 = (1 - 2 - 1 + 0110002 + 5)^2 \\112121^2 &:= 12571118641 = (1 + 257 + 111864 - 1)^2 \\113847^2 &:= 12961139409 = (12 - 96 + 113940 - 9)^2 \\114635^2 &:= 13141183225 = (-1 + 31411 + 83225)^2 \\116881^2 &:= 13661168161 = (1 - 3 + 66 + 116816 + 1)^2 \\117343^2 &:= 13769379649 = (1 + 37693 + 79649)^2 \\118183^2 &:= 13967221489 = (139672 - 21489)^2 \\118697^2 &:= 14088977809 = (-1 + 40889 + 77809)^2 \\122221^2 &:= 14937972841 = (1 + 49379 + 72841)^2 \\124065^2 &:= 15392124225 = (-153 - 9 + 2 + 124225)^2 \\126969^2 &:= 16121126961 = (1 - 6 + 12 + 1 + 126961)^2 \\130005^2 &:= 16901300025 = (1 + 6 - 9 + 0130002 + 5)^2 \\130050^2 &:= 16913002500 = (16 + 9 + 130025 + 00)^2 \\131959^2 &:= 17413177681 = (174 + 131776 + 8 + 1)^2 \\132715^2 &:= 17613271225 = (-1 + 7 - 6 + 132712 - 2 + 5)^2 \\133331^2 &:= 17777155561 = (-1 + 77771 + 55561)^2 \\133334^2 &:= 17777955556 = (-1 + 77779 + 55556)^2 \\135846^2 &:= 18454135716 = (184 - 54 + 135716)^2\end{aligned}$$

$$\begin{aligned}136570^2 &:= 18651364900 = (-1 + 86 - 5 + 136490 + 0)^2 \\140005^2 &:= 19601400025 = (1 - 9 + 6 + 0140002 + 5)^2 \\140050^2 &:= 19614002500 = (19 + 6 + 140025 + 00)^2 \\140617^2 &:= 19773140689 = (-1 + 9 - 77 - 3 + 140689)^2 \\140753^2 &:= 19811407009 = (-19 + 81 + 140700 - 9)^2 \\142857^2 &:= 20408122449 = (20408 + 122449)^2 \\143532^2 &:= 20601435024 = (20 + 6 + 0143502 + 4)^2 \\146510^2 &:= 21465180100 = (2 + 146518 - 010 + 0)^2 \\146511^2 &:= 21465473121 = (-2 + 146547 - 31 - 2 - 1)^2 \\146513^2 &:= 21466059169 = (2 + 146605 - 91 + 6 - 9)^2 \\146878^2 &:= 21573146884 = (-2 + 1 + 5 - 7 - 3 + 146884)^2 \\148149^2 &:= 21948126201 = (21948 + 126201)^2 \\150383^2 &:= 22615046689 = (2 - 2 + 6 + 150466 - 89)^2 \\156255^2 &:= 24415625025 = (2 + 4 - 4 + 156250 - 2 + 5)^2 \\158561^2 &:= 25141590721 = (2 - 514 + 159072 + 1)^2 \\159368^2 &:= 25398159424 = (-2 - 53 - 9 + 8 + 159424)^2 \\159553^2 &:= 25457159809 = (-254 + 5 - 7 + 159809)^2 \\163567^2 &:= 26754163489 = (2 + 67 + 5 + 4 + 163489)^2 \\167832^2 &:= 28167580224 = (28 + 167580 + 224)^2 \\170171^2 &:= 28958169241 = (-28 + 958 + 169241)^2 \\171119^2 &:= 29281712161 = (2 - 92 - 8 + 171216 + 1)^2 \\172230^2 &:= 29663172900 = (2 - 9 - 663 + 172900)^2 \\172827^2 &:= 29869171929 = (29 + 869 + 171929)^2 \\178275^2 &:= 31781975625 = (-3 + 178197 + 56 + 25)^2 \\178277^2 &:= 31782688729 = (3 + 178268 - 8 + 7 - 2 + 9)^2 \\178278^2 &:= 31783045284 = (3 + 178304 - 5 - 28 + 4)^2 \\180005^2 &:= 32401800025 = (-32 + 40 + 180002 - 5)^2 \\181819^2 &:= 33058148761 = (33058 + 148761)^2 \\181829^2 &:= 33061785241 = (3306 + 178524 - 1)^2 \\187110^2 &:= 35010152100 = (35010 + 152100)^2 \\190005^2 &:= 36101900025 = (3 + 6 - 1 + 0190002 - 5)^2 \\199805^2 &:= 39922038025 = (-3992 + 203802 - 5)^2 \\199980^2 &:= 39992000400 = (39 - 99 + 200040 + 0)^2 \\199983^2 &:= 39993200289 = (-399 + 93 + 200289)^2 \\203274^2 &:= 41320319076 = (4 + 1 + 3 + 203190 + 76)^2 \\205063^2 &:= 42050833969 = (4 + 205083 - 39 + 6 + 9)^2\end{aligned}$$

$$\begin{aligned}205064^2 &:= 42051244096 = (-4 + 205124 + 40 - 96)^2 \\205139^2 &:= 42082009321 = (4208 + 200932 - 1)^2 \\208495^2 &:= 43470165025 = (43470 + 165025)^2 \\210005^2 &:= 44102100025 = (4 + 4 - 10 + 210002 + 5)^2 \\215829^2 &:= 46582157241 = (46 + 58 + 215724 + 1)^2 \\216546^2 &:= 46892170116 = (-468 + 9 + 217011 - 6)^2 \\220005^2 &:= 48402200025 = (4 + 8 - 4 + 0220002 - 5)^2 \\221860^2 &:= 49221859600 = (4 - 9 + 221859 + 6 + 00)^2 \\222221^2 &:= 49382172841 = (4938 + 217284 - 1)^2 \\226215^2 &:= 51173226225 = (5 - 11 - 7 + 3 + 226225)^2 \\228664^2 &:= 52287224896 = (5 + 228722 - 48 - 9 - 6)^2 \\230005^2 &:= 52902300025 = (5 + 2 - 9 + 0230002 + 5)^2 \\232384^2 &:= 54002323456 = (5 + 40 + 0232345 - 6)^2 \\233714^2 &:= 54622233796 = (-54 - 6 - 22 + 233796)^2 \\234144^2 &:= 54823412736 = (5 + 48 + 234127 - 36)^2 \\234372^2 &:= 54930234384 = (5 + 4 + 9 - 30 + 234384)^2 \\237165^2 &:= 56247237225 = (5 - 62 + 4 - 7 + 237225)^2 \\239988^2 &:= 57594240144 = (-57 - 5 - 94 + 240144)^2 \\240005^2 &:= 57602400025 = (-5 + 7 + 6 + 0240002 - 5)^2 \\245321^2 &:= 60182393041 = (6018 + 239304 - 1)^2 \\245814^2 &:= 60424522596 = (604 + 245225 - 9 - 6)^2 \\246541^2 &:= 60782464681 = (-6 + 078 + 246468 + 1)^2 \\249832^2 &:= 62416028224 = (6 + 241602 + 8224)^2 \\250025^2 &:= 62512500625 = (-6 - 25 - 1 + 250062 - 5)^2 \\251937^2 &:= 63472251969 = (6 + 34 - 72 + 251969)^2 \\253123^2 &:= 64071253129 = (6 - 4 - 07 - 1 + 253129)^2 \\259344^2 &:= 67259310336 = (-6 + 7 + 259310 - 3 + 36)^2 \\268631^2 &:= 72162614161 = (7216 + 261416 - 1)^2 \\269621^2 &:= 72695483641 = (7 + 269548 + 3 + 64 - 1)^2 \\269623^2 &:= 72696562129 = (-7 + 269656 + 2 + 1 - 29)^2 \\273363^2 &:= 74727329769 = (74 + 7 + 273297 - 6 - 9)^2 \\275353^2 &:= 75819274609 = (-75 + 819 + 274609)^2 \\275368^2 &:= 75827535424 = (7 + 5 + 8 + 275354 - 2 - 4)^2 \\275725^2 &:= 76024275625 = (76 + 024 + 275625)^2 \\277719^2 &:= 77127842961 = (-771 + 278429 + 61)^2 \\279719^2 &:= 78242718961 = (7824 + 271896 - 1)^2\end{aligned}$$

$$\begin{aligned}
 283924^2 &:= 80612837776 = (80 + 61 + 283777 + 6)^2 \\
 286057^2 &:= 81828607249 = (8 - 18 + 286072 + 4 - 9)^2 \\
 286857^2 &:= 82286938449 = (-82 + 286938 - 4 - 4 + 9)^2 \\
 288709^2 &:= 83352886681 = (8 - 3 + 35 + 288668 + 1)^2 \\
 289729^2 &:= 83942893441 = (-8 + 394 + 289344 - 1)^2 \\
 290005^2 &:= 84102900025 = (-8 - 4 + 10 + 290002 + 5)^2 \\
 290328^2 &:= 84290347584 = (-8 - 4 + 290347 + 5 - 8 - 4)^2 \\
 292048^2 &:= 85292034304 = (8 + 5 + 292034 - 3 + 04)^2 \\
 294388^2 &:= 86664294544 = (-86 - 66 - 4 + 294544)^2 \\
 297175^2 &:= 88312980625 = (-883 + 1 + 298062 - 5)^2 \\
 299905^2 &:= 89943009025 = (-8 - 994 + 300902 + 5)^2 \\
 303017^2 &:= 91819302289 = (-91 + 819 + 302289)^2 \\
 304930^2 &:= 92982304900 = (9 + 2 + 9 + 8 + 2 + 304900)^2 \\
 305039^2 &:= 93048791521 = (9 + 304879 + 152 - 1)^2 \\
 308757^2 &:= 95330885049 = (-95 - 3 + 308850 - 4 + 9)^2 \\
 310005^2 &:= 96103100025 = (-9 + 6 + 1 + 0310002 + 5)^2 \\
 310339^2 &:= 96310294921 = (9 + 6 + 310294 + 9 + 21)^2 \\
 312479^2 &:= 97643125441 = (-9 + 7 - 64 + 312544 + 1)^2 \\
 312511^2 &:= 97663125121 = (-9 + 7 + 6 - 6 + 312512 + 1)^2 \\
 315828^2 &:= 99747325584 = (-9 - 9747 + 325584)^2
 \end{aligned}$$

3 Pattern in Semi-Selfie Numbers

Below are patterns in semi-selfie numbers. In each case, only first four values are given. Further values follows in a symmetric way.

1.

$$\begin{aligned}
 9^2 &:= 81 = (8 + 1)^2 \\
 99^2 &:= 9801 = (98 + 01)^2 \\
 999^2 &:= 998001 = (998 + 001)^2 \\
 9999^2 &:= 99980001 = (9998 + 0001)^2
 \end{aligned}$$

2.

$$\begin{aligned}
 11^2 &:= 121 = (12 - 1)^2 \\
 101^2 &:= 10201 = (102 - 01)^2 \\
 1001^2 &:= 1002001 = (1002 - 001)^2 \\
 10001^2 &:= 100020001 = (10002 - 0001)^2
 \end{aligned}$$

3.

$$\begin{aligned}45^2 &:= 3025 = (30 + 25)^2 \\9945^2 &:= 98903025 = (9890 + 30 + 25)^2 \\99945^2 &:= 9989003025 = (99890 + 030 + 25)^2 \\999945^2 &:= 999890003025 = (999890 + 0030 + 25)^2\end{aligned}$$

4.

$$\begin{aligned}11^3 &:= 1331 = (13 - 3 + 1)^3 \\101^3 &:= 1030301 = (103 - 03 + 01)^3 \\1001^3 &:= 1003003001 = (1003 - 003 + 001)^3 \\10001^3 &:= 1000300030001 = (10003 - 0003 + 0001)^3\end{aligned}$$

5.

$$\begin{aligned}5^5 &:= 3125 = (3 - 1 - 2 + 5)^5 \\50^5 &:= 312500000 = (3 - 1 - 2 + 50 + 0000)^5 \\500^5 &:= 31250000000000 = (3 - 1 - 2 + 500 + 0000 + 0000)^5 \\5000^5 &:= 312500000000000000 = (3 - 1 - 2 + 5000 + 0000 + 0000 + 0000)^5\end{aligned}$$

6.

$$\begin{aligned}91^2 &:= 8281 = (82 + 8 + 1)^2 \\991^2 &:= 982081 = (982 + 08 + 1)^2 \\9991^2 &:= 99820081 = (9982 + 008 + 1)^2 \\99991^2 &:= 9998200081 = (99982 + 0008 + 1)^2\end{aligned}$$

7.

$$\begin{aligned}109^2 &:= 11881 = (118 - 8 - 1)^2 \\1009^2 &:= 1018081 = (1018 - 08 - 1)^2 \\10009^2 &:= 100180081 = (10018 - 008 - 1)^2 \\100009^2 &:= 10001800081 = (100018 - 0008 - 1)^2\end{aligned}$$

8.

$$\begin{aligned}11^4 &:= 14641 = (14 - 6 + 4 - 1)^4 \\101^4 &:= 104060401 = (104 - 06 + 04 - 01)^4 \\1001^4 &:= 1004006004001 = (1004 - 006 + 004 - 01)^4 \\10001^4 &:= 10004000600040001 = (10004 - 0006 + 004 - 01)^4\end{aligned}$$

9.

$$\begin{aligned}198^2 &:= 39204 = (3 - 9 + 204)^2 \\198^2 &:= 3992004 = (3 - 9 + 9 - 9 + 2004)^2 \\1998^2 &:= 399920004 = (3 - 9 + 99 - 99 + 20004)^2 \\19998^2 &:= 39999200004 = (3 - 9 + 99 - 99 + 200004)^2\end{aligned}$$

10.

$$\begin{aligned}198^2 &:= 39204 = (3 - 9 + 204)^2 \\19998^2 &:= 399920004 = (3 - 9 + 9 - 9 + 20004)^2 \\1999998^2 &:= 3999992000004 = (3 - 9 + 99 - 99 + 2000004)^2 \\199999998^2 &:= 39999999200000004 = (3 - 9 + 999 - 999 + 200000004)^2\end{aligned}$$

11.

$$\begin{aligned}495^2 &:= 245025 = (2 - 4 + 502 - 5)^2 \\49995^2 &:= 2499500025 = (2 - 4 + 9 - 9 + 50002 - 5)^2 \\4999995^2 &:= 24999950000025 = (2 - 4 + 99 - 99 + 5000002 - 5)^2 \\499999995^2 &:= 249999995000000025 = (2 - 4 + 999 - 999 + 500000002 - 5)^2\end{aligned}$$

12.

$$\begin{aligned}603^2 &:= 363609 = (3 - 6 - 3 + 609)^2 \\6003^2 &:= 36036009 = (3 - 6 - 03 + 6009)^2 \\60003^2 &:= 3600360009 = (3 - 6 - 003 + 60009)^2 \\600003^2 &:= 360003600009 = (3 - 6 - 0003 + 600009)^2\end{aligned}$$

13.

$$\begin{aligned}25^4 &:= 390625 = (3 - 9 + 06 + 25)^4 \\250^4 &:= 3906250000 = (3 - 9 + 06 + 250 + 000)^4 \\2500^4 &:= 39062500000000 = (3 - 9 + 06 + 2500 + 000 + 000)^4 \\25000^4 &:= 390625000000000000 = (3 - 9 + 06 + 25000 + 000 + 000 + 000)^4\end{aligned}$$

14.

$$\begin{aligned}803^2 &:= 644809 = (-6 + 4 - 4 + 809)^2 \\8003^2 &:= 64048009 = (-6 + 4 - 04 + 8009)^2 \\80003^2 &:= 6400480009 = (-6 + 4 - 004 + 80009)^2 \\800003^2 &:= 640004800009 = (-6 + 4 - 0004 + 800009)^2\end{aligned}$$

15.

$$\begin{aligned}805^2 &:= 648025 = (-6 + 4 + 802 + 5)^2 \\8005^2 &:= 64080025 = (-6 + 4 + 08002 + 5)^2 \\80005^2 &:= 6400800025 = (-6 + 4 + 0080002 + 5)^2 \\800005^2 &:= 640008000025 = (-6 + 4 + 000800002 + 5)^2\end{aligned}$$

16.

$$\begin{aligned}955^2 &:= 912025 = (910 + 20 + 25)^2 \\9955^2 &:= 99120025 = (9910 + 20 + 025)^2 \\99955^2 &:= 9991200025 = (99910 + 20 + 0025)^2 \\999955^2 &:= 999912000025 = (999910 + 20 + 00025)^2\end{aligned}$$

17.

$$\begin{aligned}99^3 &:= 970299 = (97 + 02 + 9 - 9)^3 \\9999^3 &:= 999700029999 = (9997 + 0002 + 99 - 99)^3 \\999999^3 &:= 999997000002999999 = (999997 + 000002 + 999 - 999)^3 \\99999999^3 &:= 999999970000000299999999 = (99999997 + 00000002 + 9999 - 9999)^3\end{aligned}$$

18.

$$\begin{aligned}986^2 &:= 972196 = (972 - 1 + 9 + 6)^2 \\9986^2 &:= 99720196 = (9972 - 01 + 9 + 6)^2 \\99986^2 &:= 9997200196 = (99972 - 001 + 9 + 6)^2 \\999986^2 &:= 999972000196 = (999972 - 0001 + 9 + 6)^2\end{aligned}$$

19.

$$\begin{aligned}989^2 &:= 978121 = (978 + 12 - 1)^2 \\9989^2 &:= 99780121 = (9978 + 012 - 1)^2 \\99989^2 &:= 9997800121 = (99978 + 0012 - 1)^2 \\999989^2 &:= 999978000121 = (999978 + 00012 - 1)^2\end{aligned}$$

20.

$$\begin{aligned}990^2 &:= 980100 = (980 + 10 + 0)^2 \\9990^2 &:= 99800100 = (9980 + 010 + 0)^2 \\99990^2 &:= 9998000100 = (99980 + 0010 + 0)^2 \\999990^2 &:= 999980000100 = (999980 + 00010 + 0)^2\end{aligned}$$

21.

$$\begin{aligned}1010^2 &:= 1020100 = (1020 - 10 + 0)^2 \\10010^2 &:= 100200100 = (10020 - 010 + 0)^2 \\100010^2 &:= 10002000100 = (100020 - 0010 + 0)^2 \\1000010^2 &:= 1000020000100 = (1000020 - 00010 + 0)^2\end{aligned}$$

22.

$$\begin{aligned}1011^2 &:= 1022121 = (1022 - 12 + 1)^2 \\10011^2 &:= \mathbf{100220121} = (10022 - 012 + 1)^2 \\100011^2 &:= 10002200121 = (100022 - 0012 + 1)^2 \\1000011^2 &:= 1000022000121 = (1000022 - 00012 + 1)^2\end{aligned}$$

23.

$$\begin{aligned}1014^2 &:= 1028196 = (1028 + 1 - 9 - 6)^2 \\10014^2 &:= 100280196 = (10028 + 01 - 9 - 6)^2 \\100014^2 &:= 10002800196 = (100028 + 001 - 9 - 6)^2 \\1000014^2 &:= 1000028000196 = (1000028 + 0001 - 9 - 6)^2\end{aligned}$$

24.

$$\begin{aligned}102^3 &:= 1061208 = (106 - 12 + 08)^3 \\1002^3 &:= 1006012008 = (1006 - 012 + 008)^3 \\10002^3 &:= 1000600120008 = (10006 - 0012 + 0008)^3 \\100002^3 &:= 1000060001200008 = (100006 - 00012 + 00008)^3\end{aligned}$$

25.

$$\begin{aligned}3993^2 &:= 15944049 = (-1 - 59 + 4 + 4049)^2 \\399993^2 &:= 159994400049 = (-1 - 59 + 9 - 9 + 4 + 400049)^2 \\39999993^2 &:= 1599999440000049 = (-1 - 59 + 99 - 99 + 4 + 40000049)^2 \\3999999993^2 &:= 15999999944000000049 = (-1 - 59 + 999 - 999 + 4 + 4000000049)^2\end{aligned}$$

26.

$$\begin{aligned}5015^2 &:= 25150225 = (2 - 5 + 1 + 5022 - 5)^2 \\50015^2 &:= 2501500225 = (2 - 5 + 01 + 50022 - 5)^2 \\500015^2 &:= 250015000225 = (2 - 5 + 001 + 500022 - 5)^2 \\5000015^2 &:= 25000150000225 = (2 - 5 + 0001 + 5000022 - 5)^2\end{aligned}$$

27.

$$\begin{aligned}5050^2 &:= 25502500 = (25 + 5025 + 00)^2 \\50050^2 &:= 2505002500 = (25 + 050025 + 00)^2 \\500050^2 &:= 250050002500 = (25 + 00500025 + 00)^2 \\5000050^2 &:= 25000500002500 = (25 + 0005000025 + 00)^2\end{aligned}$$

28.

$$\begin{aligned}5292^2 &:= 28005264 = (28 + 005264)^2 \\52920^2 &:= 2800526400 = (280 + 052640 + 0)^2 \\529200^2 &:= 280052640000 = (2800 + 526400 + 00)^2 \\5292000^2 &:= 28005264000000 = (28000 + 5264000 + 000)^2\end{aligned}$$

29.

$$\begin{aligned}5993^2 &:= 35916049 = (35 - 91 + 6049)^2 \\59993^2 &:= 359991600049 = (35 + 9 - 9 - 91 + 600049)^2 \\599993^2 &:= 3599999160000049 = (35 + 99 - 99 - 91 + 60000049)^2 \\5999993^2 &:= 35999999916000000049 = (35 + 999 - 999 - 91 + 6000000049)^2\end{aligned}$$

30.

$$\begin{aligned}5998^2 &:= 35976004 = (-3 - 5 + 9 - 7 + 6004)^2 \\59998^2 &:= 359997600004 = (-3 - 5 + 9 - 9 + 9 - 7 + 600004)^2 \\599998^2 &:= 3599999760000004 = (-3 - 5 + 99 - 99 + 9 - 7 + 60000004)^2 \\5999998^2 &:= 35999999976000000004 = (-3 - 5 + 999 - 999 + 9 - 7 + 6000000004)^2\end{aligned}$$

31.

$$\begin{aligned}7998^2 &:= 63968004 = (6 + 3 - 9 - 6 + 8004)^2 \\79998^2 &:= 639996800004 = (6 + 3 + 9 - 9 - 9 - 6 + 800004)^2 \\799998^2 &:= 6399999680000004 = (6 + 3 + 99 - 99 - 9 - 6 + 80000004)^2 \\7999998^2 &:= 63999999968000000004 = (6 + 3 + 999 - 999 - 9 - 6 + 8000000004)^2\end{aligned}$$

32.

$$\begin{aligned}8030^2 &:= 64480900 = (-64 + 4 + 8090 + 0)^2 \\80030^2 &:= 6404800900 = (-64 + 4 + 080090 + 0)^2 \\800030^2 &:= 640048000900 = (-64 + 4 + 00800090 + 0)^2 \\8000030^2 &:= 64000480000900 = (-64 + 4 + 0008000090 + 0)^2\end{aligned}$$

33.

$$\begin{aligned}9005^2 &:= 81090025 = (8 - 10 + 9002 + 5)^2 \\90005^2 &:= 8100900025 = (8 - 10 + 090002 + 5)^2 \\900005^2 &:= 810009000025 = (8 - 10 + 00900002 + 5)^2 \\9000005^2 &:= 81000090000025 = (8 - 10 + 0009000002 + 5)^2\end{aligned}$$

34.

$$\begin{aligned}99^4 &:= 96059601 = (96 + 05 - 9 + 6 + 01)^4 \\9999^4 &:= 9996000599960001 = (9996 + 0005 - 9 + 9 - 9 + 6 + 0001)^4 \\999999^4 &:= 999996000005999996000001 = (999996 + 000005 - 9 + 99 - 99 + 6 + 000001)^4 \\9999999^4 &:= 99999996000000059999999600000001 = (99999996 + 00000005 - 9 + 999 - 999 + 6 + 00000001)^4\end{aligned}$$

35.

$$\begin{aligned}9901^2 &:= 98029801 = (9802 + 98 + 01)^2 \\99901^2 &:= 9980209801 = (99802 + 098 + 01)^2 \\999901^2 &:= 999802009801 = (999802 + 0098 + 01)^2 \\9999901^2 &:= 99998020009801 = (9999802 + 00098 + 01)^2\end{aligned}$$

36.

$$\begin{aligned}9909^2 &:= 98188281 = (9818 + 82 + 8 + 1)^2 \\99909^2 &:= 9981808281 = (99818 + 082 + 8 + 1)^2 \\999909^2 &:= 999818008281 = (999818 + 0082 + 8 + 1)^2 \\9999909^2 &:= 99998180008281 = (9999818 + 00082 + 8 + 1)^2\end{aligned}$$

37.

$$\begin{aligned}9914^2 &:= 98287396 = (9828 - 7 - 3 + 96)^2 \\99914^2 &:= 9982807396 = (99828 - 07 - 3 + 96)^2 \\999914^2 &:= 999828007396 = (999828 - 007 - 3 + 96)^2 \\9999914^2 &:= 99998280007396 = (9999828 - 0007 - 3 + 96)^2\end{aligned}$$

38.

$$\begin{aligned}9918^2 &:= 98366724 = (9836 + 6 + 72 + 4)^2 \\99918^2 &:= 9983606724 = (99836 + 06 + 72 + 4)^2 \\999918^2 &:= 999836006724 = (999836 + 006 + 72 + 4)^2 \\9999918^2 &:= 99998360006724 = (9999836 + 0006 + 72 + 4)^2\end{aligned}$$

39.

$$\begin{aligned}9922^2 &:= 98446084 = (9844 - 6 + 084)^2 \\99922^2 &:= 9984406084 = (99844 - 06 + 084)^2 \\999922^2 &:= 999844006084 = (999844 - 006 + 084)^2 \\9999922^2 &:= 99998440006084 = (9999844 - 0006 + 084)^2\end{aligned}$$

40.

$$\begin{aligned}9924^2 &:= 98485776 = (9848 + 5 + 77 - 6)^2 \\99924^2 &:= 9984805776 = (99848 + 05 + 77 - 6)^2 \\999924^2 &:= 999848005776 = (999848 + 005 + 77 - 6)^2 \\9999924^2 &:= 99998480005776 = (9999848 + 0005 + 77 - 6)^2\end{aligned}$$

41.

$$\begin{aligned}9937^2 &:= 98743969 = (9874 + 3 - 9 + 69)^2 \\99937^2 &:= 9987403969 = (99874 + 03 - 9 + 69)^2 \\999937^2 &:= 999874003969 = (999874 + 003 - 9 + 69)^2 \\9999937^2 &:= 99998740003969 = (9999874 + 0003 - 9 + 69)^2\end{aligned}$$

42.

$$\begin{aligned}9942^2 &:= 98843364 = (9884 - 3 - 3 + 64)^2 \\99942^2 &:= 9988403364 = (99884 - 03 - 3 + 64)^2 \\999942^2 &:= 999884003364 = (999884 - 003 - 3 + 64)^2 \\9999942^2 &:= 99998840003364 = (9999884 - 0003 - 3 + 64)^2\end{aligned}$$

43.

$$\begin{aligned}9955^2 &:= 99102025 = (9910 + 20 + 25)^2 \\99955^2 &:= 9991002025 = (99910 + 020 + 25)^2 \\999955^2 &:= 999910002025 = (999910 + 0020 + 25)^2 \\9999955^2 &:= 99999100002025 = (9999910 + 00020 + 25)^2\end{aligned}$$

44.

$$\begin{aligned}9956^2 &:= 99121936 = (9912 - 1 + 9 + 36)^2 \\99956^2 &:= 9991201936 = (99912 - 01 + 9 + 36)^2 \\999956^2 &:= 999912001936 = (999912 - 001 + 9 + 36)^2 \\9999956^2 &:= 99999120001936 = (9999912 - 0001 + 9 + 36)^2\end{aligned}$$

45.

$$\begin{aligned}9964^2 &:= 99281296 = (9928 + 1 + 29 + 6)^2 \\99964^2 &:= 9992801296 = (99928 + 01 + 29 + 6)^2 \\999964^2 &:= 999928001296 = (999928 + 001 + 29 + 6)^2 \\9999964^2 &:= 99999280001296 = (9999928 + 0001 + 29 + 6)^2\end{aligned}$$

46.

$$\begin{aligned}10036^2 &:= 100721296 = (10072 - 1 - 29 - 6)^2 \\100036^2 &:= 10007201296 = (100072 - 01 - 29 - 6)^2 \\1000036^2 &:= 1000072001296 = (1000072 - 001 - 29 - 6)^2 \\10000036^2 &:= 100000720001296 = (10000072 - 0001 - 29 - 6)^2\end{aligned}$$

47.

$$\begin{aligned}10044^2 &:= 100881936 = (10088 + 1 - 9 - 36)^2 \\100044^2 &:= 10008801936 = (100088 + 01 - 9 - 36)^2 \\1000044^2 &:= 1000088001936 = (1000088 + 001 - 9 - 36)^2 \\10000044^2 &:= 100000880001936 = (10000088 + 0001 - 9 - 36)^2\end{aligned}$$

48.

$$\begin{aligned}102^4 &:= 108243216 = (108 - 2 - 4 + 3 + 2 + 1 - 6)^4 \\1002^4 &:= 1008024032016 = (1008 - 02 - 4 + 3 + 2 + 01 - 6)^4 \\10002^4 &:= 10008002400320016 = (10008 - 002 - 4 + 3 + 2 + 001 - 6)^4 \\100002^4 &:= 100008000240003200016 = (100008 - 0002 - 4 + 3 + 2 + 0001 - 6)^4\end{aligned}$$

49.

$$\begin{aligned}10045^2 &:= 100902025 = (10090 - 20 - 25)^2 \\100045^2 &:= 10009002025 = (100090 - 020 - 25)^2 \\1000045^2 &:= 1000090002025 = (1000090 - 0020 - 25)^2 \\10000045^2 &:= 100000900002025 = (10000090 - 00020 - 25)^2\end{aligned}$$

50.

$$\begin{aligned}10055^2 &:= 101103025 = (10110 - 30 - 25)^2 \\10055^2 &:= 10011003025 = (100110 - 030 - 25)^2 \\1000055^2 &:= 1000110003025 = (1000110 - 0030 - 25)^2 \\10000055^2 &:= 100001100003025 = (10000110 - 00030 - 25)^2\end{aligned}$$

51.

$$\begin{aligned}10058^2 &:= 101163364 = (10116 + 3 + 3 - 64)^2 \\100058^2 &:= 10011603364 = (100116 + 03 + 3 - 64)^2 \\1000058^2 &:= 1000116003364 = (1000116 + 003 + 3 - 64)^2 \\10000058^2 &:= 100001160003364 = (10000116 + 0003 + 3 - 64)^2\end{aligned}$$

52.

$$\begin{aligned}10063^2 &:= 101263969 = (10126 - 3 + 9 - 69)^2 \\100063^2 &:= 10012603969 = (100126 - 03 + 9 - 69)^2 \\1000063^2 &:= 1000126003969 = (1000126 - 003 + 9 - 69)^2 \\10000063^2 &:= 100001260003969 = (10000126 - 0003 + 9 - 69)^2\end{aligned}$$

53.

$$\begin{aligned}10076^2 &:= 101525776 = (10152 - 5 - 77 + 6)^2 \\100076^2 &:= 10015205776 = (100152 - 05 - 77 + 6)^2 \\1000076^2 &:= 1000152005776 = (1000152 - 005 - 77 + 6)^2 \\10000076^2 &:= 100001520005776 = (10000152 - 0005 - 77 + 6)^2\end{aligned}$$

54.

$$\begin{aligned}10078^2 &:= 101566084 = (10156 + 6 - 084)^2 \\100078^2 &:= 10015606084 = (100156 + 06 - 084)^2 \\1000078^2 &:= 1000156006084 = (1000156 + 006 - 084)^2 \\10000078^2 &:= 100001560006084 = (10000156 + 0006 - 084)^2\end{aligned}$$

55.

$$\begin{aligned}10082^2 &:= 101646724 = (10164 - 6 - 72 - 4)^2 \\100082^2 &:= 10016406724 = (100164 - 06 - 72 - 4)^2 \\1000082^2 &:= 1000164006724 = (1000164 - 006 - 72 - 4)^2 \\10000082^2 &:= 100001640006724 = (10000164 - 0006 - 72 - 4)^2\end{aligned}$$

56.

$$\begin{aligned}10086^2 &:= 101727396 = (10172 + 7 + 3 - 96)^2 \\100086^2 &:= 10017207396 = (100172 + 07 + 3 - 96)^2 \\1000086^2 &:= 1000172007396 = (1000172 + 007 + 3 - 96)^2 \\10000086^2 &:= 100001720007396 = (10000172 + 0007 + 3 - 96)^2\end{aligned}$$

57.

$$\begin{aligned}10091^2 &:= 101828281 = (10182 - 82 - 8 - 1)^2 \\100091^2 &:= 10018208281 = (100182 - 082 - 8 - 1)^2 \\1000091^2 &:= 1000182008281 = (1000182 - 0082 - 8 - 1)^2 \\10000091^2 &:= 100001820008281 = (10000182 - 00082 - 8 - 1)^2\end{aligned}$$

58.

$$\begin{aligned}10099^2 &:= 101989801 = (10198 - 98 - 01)^2 \\100099^2 &:= 10019809801 = (100198 - 098 - 01)^2 \\1000099^2 &:= 1000198009801 = (1000198 - 0098 - 01)^2 \\10000099^2 &:= 100001980009801 = (10000198 - 00098 - 01)^2\end{aligned}$$

59.

$$\begin{aligned}10123^2 &:= 102475129 = (10247 + 5 - 129)^2 \\100123^2 &:= 10024615129 = (100247 + 05 - 129)^2 \\1000123^2 &:= 1000246015129 = (1000247 + 005 - 129)^2 \\10000123^2 &:= 100002460015129 = (10000247 + 0005 - 129)^2\end{aligned}$$

60.

$$\begin{aligned}10215^2 &:= 104346225 = (10434 + 6 - 225)^2 \\100215^2 &:= 10043046225 = (100434 + 06 - 225)^2 \\1000215^2 &:= 1000430046225 = (1000434 + 006 - 225)^2 \\10000215^2 &:= 100004300046225 = (10000434 + 0006 - 225)^2\end{aligned}$$

61.

$$\begin{aligned}102^4 &:= 108243216 = (108 - 24 + 3 + 21 - 6)^4 \\1002^4 &:= 1008024032016 = (1008 - 024 + 3 + 21 - 6)^4 \\10002^4 &:= 10008002400320016 = (10008 - 0024 + 3 + 21 - 6)^4 \\100002^4 &:= 100008000240003200016 = (100008 - 00024 + 3 + 21 - 6)^4\end{aligned}$$

62.

$$\begin{aligned}11005^2 &:= 121110025 = (1 - 2 - 1 + 11002 + 5)^2 \\110005^2 &:= 12101100025 = (1 - 2 - 1 + 0110002 + 5)^2 \\1100005^2 &:= 1210011000025 = (1 - 2 - 1 + 001100002 + 5)^2 \\11000005^2 &:= 121000110000025 = (1 - 2 - 1 + 00011000002 + 5)^2\end{aligned}$$

63.

$$\begin{aligned}13005^2 &:= 169130025 = (1 + 6 - 9 + 13002 + 5)^2 \\130005^2 &:= 16901300025 = (1 + 6 - 9 + 0130002 + 5)^2 \\1300005^2 &:= 1690013000025 = (1 + 6 - 9 + 001300002 + 5)^2 \\13000005^2 &:= 169000130000025 = (1 + 6 - 9 + 00013000002 + 5)^2\end{aligned}$$

64.

$$\begin{aligned}14005^2 &:= 196140025 = (1 - 9 + 6 + 14002 + 5)^2 \\140005^2 &:= 19601400025 = (1 - 9 + 6 + 0140002 + 5)^2 \\1400005^2 &:= 1960014000025 = (1 - 9 + 6 + 001400002 + 5)^2 \\14000005^2 &:= 196000140000025 = (1 - 9 + 6 + 00014000002 + 5)^2\end{aligned}$$

65.

$$\begin{aligned}19005^2 &:= 361190025 = (3 + 6 - 1 + 19002 - 5)^2 \\190005^2 &:= 36101900025 = (3 + 6 - 1 + 0190002 - 5)^2 \\1900005^2 &:= 3610019000025 = (3 + 6 - 1 + 001900002 - 5)^2 \\19000005^2 &:= 361000190000025 = (3 + 6 - 1 + 00019000002 - 5)^2\end{aligned}$$

66.

$$\begin{aligned}22005^2 &:= 484220025 = (4 + 8 - 4 + 22002 - 5)^2 \\220005^2 &:= 48402200025 = (4 + 8 - 4 + 0220002 - 5)^2 \\2200005^2 &:= 4840022000025 = (4 + 8 - 4 + 002200002 - 5)^2 \\22000005^2 &:= 484000220000025 = (4 + 8 - 4 + 00022000002 - 5)^2\end{aligned}$$

67.

$$\begin{aligned}23005^2 &:= 529230025 = (5 + 2 - 9 + 23002 + 5)^2 \\230005^2 &:= 52902300025 = (5 + 2 - 9 + 0230002 + 5)^2 \\2300005^2 &:= 5290023000025 = (5 + 2 - 9 + 002300002 + 5)^2 \\23000005^2 &:= 529000230000025 = (5 + 2 - 9 + 00023000002 + 5)^2\end{aligned}$$

68.

$$\begin{aligned}24005^2 &:= 576240025 = (-5 + 7 + 6 + 24002 - 5)^2 \\240005^2 &:= 57602400025 = (-5 + 7 + 6 + 0240002 - 5)^2 \\2400005^2 &:= 5760024000025 = (-5 + 7 + 6 + 002400002 - 5)^2 \\24000005^2 &:= 576000240000025 = (-5 + 7 + 6 + 00024000002 - 5)^2\end{aligned}$$

69.

$$\begin{aligned}990^3 &:= 970299000 = (970 + 29 - 9 + 000)^3 \\9990^3 &:= 999700029999000 = (99970 + 0029 - 9 + 9 - 9 + 000)^3 \\99990^3 &:= 999997000002999999000 = (9999970 + 000029 - 9 + 99 - 99 + 000)^3 \\999990^3 &:= 999999970000000299999999000 = (999999970 + 00000029 - 9 + 999 - 999 + 000)^3\end{aligned}$$

70.

$$\begin{aligned}994^3 &:= 982107784 = (982 + 10 + 7 + 7 - 8 - 4)^3 \\9994^3 &:= 998201079784 = (9982 + 010 + 7 + 7 - 8 - 4)^3 \\99994^3 &:= 999820010799784 = (99982 + 0010 + 7 + 7 - 8 - 4)^3 \\999994^3 &:= 999982000107999784 = (999982 + 00010 + 7 + 7 - 8 - 4)^3\end{aligned}$$

71.

$$\begin{aligned}997^3 &:= 991026973 = (991 + 02 - 69 + 73)^3 \\9997^3 &:= 999910002699973 = (99991 + 0002 - 69 + 9 - 9 + 73)^3 \\99997^3 &:= 999999100000269999973 = (9999991 + 000002 - 69 + 99 - 99 + 73)^3 \\999997^3 &:= 999999991000000026999999973 = (999999991 + 00000002 - 69 + 999 - 999 + 73)^3\end{aligned}$$

72.

$$\begin{aligned}998^3 &:= 994011992 = (994 + 01 + 1 + 9 - 9 + 2)^3 \\9998^3 &:= 999940001199992 = (99994 + 0001 + 1 + 99 - 99 + 2)^3 \\99998^3 &:= 999999400000119999992 = (9999994 + 000001 + 1 + 999 - 999 + 2)^3 \\999998^3 &:= 999999994000000011999999992 = (999999994 + 00000001 + 1 + 9999 - 9999 + 2)^3\end{aligned}$$

73.

$$\begin{aligned}32005^2 &:= 1024320025 = (10 + 2 - 4 + 32002 - 5)^2 \\320005^2 &:= 102403200025 = (10 + 2 - 4 + 0320002 - 5)^2 \\3200005^2 &:= 10240032000025 = (10 + 2 - 4 + 003200002 - 5)^2 \\32000005^2 &:= 1024000320000025 = (10 + 2 - 4 + 00032000002 - 5)^2\end{aligned}$$

74.

$$\begin{aligned}33005^2 &:= 1089330025 = (-1 + 08 - 9 + 33002 + 5)^2 \\330005^2 &:= 108903300025 = (-1 + 08 - 9 + 0330002 + 5)^2 \\3300005^2 &:= 10890033000025 = (-1 + 08 - 9 + 003300002 + 5)^2 \\33000005^2 &:= 1089000330000025 = (-1 + 08 - 9 + 00033000002 + 5)^2\end{aligned}$$

75.

$$\begin{aligned}1005^3 &:= 1015075125 = (1015 - 07 + 5 - 1 - 2 - 5)^3 \\10005^3 &:= 1001500750125 = (10015 - 007 + 5 - 1 - 2 - 5)^3 \\100005^3 &:= 1000150007500125 = (100015 - 0007 + 5 - 1 - 2 - 5)^3 \\1000005^3 &:= 1000015000075000125 = (1000015 - 00007 + 5 - 1 - 2 - 5)^3\end{aligned}$$

76.

$$\begin{aligned}1006^3 &:= 1018108216 = (1018 + 10 - 8 + 2 - 16)^3 \\10006^3 &:= 1001801080216 = (10018 + 010 - 08 + 2 - 16)^3 \\100006^3 &:= 1000180010800216 = (100018 + 0010 - 008 + 2 - 16)^3 \\1000006^3 &:= 1000018000108000216 = (1000018 + 00010 - 0008 + 2 - 16)^3\end{aligned}$$

77.

$$\begin{aligned}1007^3 &:= 1021147343 = (1021 + 1 - 4 - 7 - 3 - 4 + 3)^3 \\10007^3 &:= 1002101470343 = (10021 + 01 - 4 - 7 - 03 - 4 + 3)^3 \\100007^3 &:= 1000210014700343 = (100021 + 001 - 4 - 7 - 003 - 4 + 3)^3 \\1000007^3 &:= 1000021000147000343 = (1000021 + 0001 - 4 - 7 - 0003 - 4 + 3)^3\end{aligned}$$

78.

$$\begin{aligned}1008^3 &:= 1024192512 = (1024 - 1 - 9 - 2 - 5 - 1 + 2)^3 \\10008^3 &:= 1002401920512 = (10024 - 01 - 9 - 2 - 05 - 1 + 2)^3 \\100008^3 &:= 1000240019200512 = (100024 - 001 - 9 - 2 - 005 - 1 + 2)^3 \\1000008^3 &:= 1000024000192000512 = (1000024 - 0001 - 9 - 2 - 0005 - 1 + 2)^3\end{aligned}$$

79.

$$\begin{aligned}32005^2 &:= 1024320025 = (10 + 2 - 4 + 32002 - 5)^2 \\320005^2 &:= 102403200025 = (10 + 2 - 4 + 0320002 - 5)^2 \\3200005^2 &:= 10240032000025 = (10 + 2 - 4 + 003200002 - 5)^2 \\32000005^2 &:= 1024000320000025 = (10 + 2 - 4 + 00032000002 - 5)^2\end{aligned}$$

80.

$$\begin{aligned}1009^3 &:= 1027243729 = (1027 + 2 + 43 - 72 + 9)^3 \\10009^3 &:= 1002702430729 = (10027 + 2 + 043 - 072 + 9)^3 \\100009^3 &:= 1000270024300729 = (100027 + 2 + 0043 - 0072 + 9)^3 \\1000009^3 &:= 1000027000243000729 = (1000027 + 2 + 00043 - 00072 + 9)^3\end{aligned}$$

81.

$$\begin{aligned}1010^3 &:= 1030301000 = (1030 - 30 + 10 + 00)^3 \\10010^3 &:= 1003003001000 = (10030 - 030 + 010 + 00)^3 \\100010^3 &:= 1000300030001000 = (100030 - 0030 + 0010 + 00)^3 \\1000010^3 &:= 01000030000300001000 = (1000030 - 00030 + 00010 + 00)^3\end{aligned}$$

82.

$$\begin{aligned}33005^2 &:= 1089330025 = (-1 + 08 - 9 + 33002 + 5)^2 \\330005^2 &:= 108903300025 = (-1 + 008 - 9 + 330002 + 5)^2 \\3300005^2 &:= 10890033000025 = (-1 + 0008 - 9 + 3300002 + 5)^2 \\33000005^2 &:= 1089000330000025 = (-1 + 00008 - 9 + 33000002 + 5)^2\end{aligned}$$

83.

$$\begin{aligned}34005^2 &:= 1156340025 = (-1 + 15 - 6 + 34002 - 5)^2 \\340005^2 &:= 115603400025 = (-1 + 15 - 6 + 0340002 - 5)^2 \\3400005^2 &:= 11560034000025 = (-1 + 15 - 6 + 003400002 - 5)^2 \\34000005^2 &:= 1156000340000025 = (-1 + 15 - 6 + 00034000002 - 5)^2\end{aligned}$$

84.

$$\begin{aligned}35005^2 &:= 1225350025 = (-1 + 2 + 2 - 5 + 35002 + 5)^2 \\350005^2 &:= 122503500025 = (-1 + 2 + 2 - 5 + 0350002 + 5)^2 \\3500005^2 &:= 12250035000025 = (-1 + 2 + 2 - 5 + 003500002 + 5)^2 \\35000005^2 &:= 1225000350000025 = (-1 + 2 + 2 - 5 + 00035000002 + 5)^2\end{aligned}$$

85.

$$\begin{aligned}36005^2 &:= 1296360025 = (-1 + 2 - 9 + 6 + 36002 + 5)^2 \\360005^2 &:= 129603600025 = (-1 + 2 - 9 + 6 + 0360002 + 5)^2 \\3600005^2 &:= 12960036000025 = (-1 + 2 - 9 + 6 + 003600002 + 5)^2 \\36000005^2 &:= 1296000360000025 = (-1 + 2 - 9 + 6 + 00036000002 + 5)^2\end{aligned}$$

86.

$$\begin{aligned}37005^2 &:= 1369370025 = (13 - 6 - 9 + 37002 + 5)^2 \\370005^2 &:= 136903700025 = (13 - 6 - 9 + 0370002 + 5)^2 \\3700005^2 &:= 13690037000025 = (13 - 6 - 9 + 003700002 + 5)^2 \\37000005^2 &:= 1369000370000025 = (13 - 6 - 9 + 00037000002 + 5)^2\end{aligned}$$

87.

$$\begin{aligned} 199^4 &:= 1568239201 = (1 - 5 + 6 - 8 - 2 - 3 + 9 + 201)^4 \\ 19999^4 &:= 159968002399920001 = (1 - 5 + 9 - 9 + 6 - 8 - 002 - 3 + 9 + 9 - 9 + 20001)^4 \\ 1999999^4 &:= 15999968000023999992000001 = (1 - 5 + 99 - 99 + 6 - 8 - 00002 - 3 + 9 + 99 - 99 + 2000001)^4 \\ 199999999^4 &:= 1599999968000000239999999200000001 = (1 - 5 + 999 - 999 + 6 - 8 - 0000002 - 3 + 9 + 999 - 999 + 200000001)^4 \end{aligned}$$

88.

$$\begin{aligned} 39998^2 &:= 1599840004 = (-1 + 5 - 9 - 9 + 8 + 40004)^2 \\ 3999998^2 &:= 15999984000004 = (-1 + 5 - 9 - 9 + 9 - 9 + 8 + 4000004)^2 \\ 399999998^2 &:= 159999998400000004 = (-1 + 5 - 9 - 9 + 99 - 99 + 8 + 400000004)^2 \\ 39999999998^2 &:= 1599999999840000000004 = (-1 + 5 - 9 - 9 + 999 - 999 + 8 + 4000000004)^2 \end{aligned}$$

89.

$$\begin{aligned} 41005^2 &:= 1681410025 = (1 + 6 - 8 - 1 + 41002 + 5)^2 \\ 410005^2 &:= 168104100025 = (1 + 6 - 8 - 1 + 0410002 + 5)^2 \\ 4100005^2 &:= 16810041000025 = (1 + 6 - 8 - 1 + 004100002 + 5)^2 \\ 41000005^2 &:= 1681000410000025 = (1 + 6 - 8 - 1 + 00041000002 + 5)^2 \end{aligned}$$

90.

$$\begin{aligned} 42005^2 &:= 1764420025 = (1 + 7 - 6 - 4 + 42002 + 5)^2 \\ 420005^2 &:= 176404200025 = (1 + 7 - 6 - 4 + 0420002 + 5)^2 \\ 4200005^2 &:= 17640042000025 = (1 + 7 - 6 - 4 + 004200002 + 5)^2 \\ 42000005^2 &:= 1764000420000025 = (1 + 7 - 6 - 4 + 00042000002 + 5)^2 \end{aligned}$$

91.

$$\begin{aligned} 43005^2 &:= 1849430025 = (1 - 8 - 4 + 9 + 43002 + 5)^2 \\ 430005^2 &:= 184904300025 = (1 - 8 - 4 + 9 + 0430002 + 5)^2 \\ 4300005^2 &:= 18490043000025 = (1 - 8 - 4 + 9 + 004300002 + 5)^2 \\ 43000005^2 &:= 1849000430000025 = (1 - 8 - 4 + 9 + 00043000002 + 5)^2 \end{aligned}$$

92.

$$\begin{aligned} 46005^2 &:= 2116460025 = (2 + 1 - 1 + 6 + 46002 - 5)^2 \\ 460005^2 &:= 211604600025 = (2 + 1 - 1 + 6 + 0460002 - 5)^2 \\ 4600005^2 &:= 21160046000025 = (2 + 1 - 1 + 6 + 004600002 - 5)^2 \\ 46000005^2 &:= 2116000460000025 = (2 + 1 - 1 + 6 + 00046000002 - 5)^2 \end{aligned}$$

93.

$$\begin{aligned}49995^2 &:= 2499500025 = (2 - 4 + 9 - 9 + 50002 - 5)^2 \\499995^2 &:= 2499995000025 = (2 - 4 + 99 - 99 + 5000002 - 5)^2 \\4999995^2 &:= 24999999500000025 = (2 - 4 + 999 - 999 + 500000002 - 5)^2 \\49999995^2 &:= 249999999950000000025 = (2 - 4 + 9999 - 9999 + 50000000002 - 5)^2\end{aligned}$$

94.

$$\begin{aligned}50094^2 &:= 2509408836 = (-2 + 50940 - 8 - 836)^2 \\500094^2 &:= 250094008836 = (-2 + 500940 - 08 - 836)^2 \\5000094^2 &:= 25000940008836 = (-2 + 5000940 - 008 - 836)^2 \\50000094^2 &:= 2500009400008836 = (-2 + 50000940 - 0008 - 836)^2\end{aligned}$$

95.

$$\begin{aligned}54005^2 &:= 2916540025 = (2 - 9 - 1 + 6 + 54002 + 5)^2 \\540005^2 &:= 291605400025 = (2 - 9 - 1 + 6 + 0540002 + 5)^2 \\5400005^2 &:= 29160054000025 = (2 - 9 - 1 + 6 + 005400002 + 5)^2 \\54000005^2 &:= 2916000540000025 = (2 - 9 - 1 + 6 + 00054000002 + 5)^2\end{aligned}$$

96.

$$\begin{aligned}57005^2 &:= 3249570025 = (-3 - 2 + 4 + 9 + 57002 - 5)^2 \\570005^2 &:= 324905700025 = (-3 - 2 + 4 + 9 + 0570002 - 5)^2 \\5700005^2 &:= 32490057000025 = (-3 - 2 + 4 + 9 + 005700002 - 5)^2 \\57000005^2 &:= 3249000570000025 = (-3 - 2 + 4 + 9 + 00057000002 - 5)^2\end{aligned}$$

97.

$$\begin{aligned}58005^2 &:= 3364580025 = (3 + 3 + 6 - 4 + 58002 - 5)^2 \\580005^2 &:= 336405800025 = (3 + 3 + 6 - 4 + 0580002 - 5)^2 \\5800005^2 &:= 33640058000025 = (3 + 3 + 6 - 4 + 005800002 - 5)^2 \\58000005^2 &:= 3364000580000025 = (3 + 3 + 6 - 4 + 00058000002 - 5)^2\end{aligned}$$

98.

$$\begin{aligned}59005^2 &:= 3481590025 = (3 + 4 - 8 - 1 + 59002 + 5)^2 \\590005^2 &:= 348105900025 = (3 + 4 - 8 - 1 + 0590002 + 5)^2 \\5900005^2 &:= 34810059000025 = (3 + 4 - 8 - 1 + 005900002 + 5)^2 \\59000005^2 &:= 3481000590000025 = (3 + 4 - 8 - 1 + 00059000002 + 5)^2\end{aligned}$$

99.

$$\begin{aligned}60030^2 &:= 3603600900 = (3 - 60 - 3 + 60090 + 0)^2 \\600030^2 &:= 360036000900 = (3 - 60 - 3 + 0600090 + 0)^2 \\6000030^2 &:= 36000360000900 = (3 - 60 - 3 + 006000090 + 0)^2 \\60000030^2 &:= 3600003600000900 = (3 - 60 - 3 + 00060000090 + 0)^2\end{aligned}$$

100.

$$\begin{aligned}25^4 &:= 390625 = (3 - 9 + 06 + 25)^4 \\250^4 &:= 3906250000 = (3 - 9 + 06 + 250 + 000)^4 \\2500^4 &:= 39062500000000 = (3 - 9 + 06 + 2500 + 000000)^4 \\25000^4 &:= 390625000000000000 = (3 - 9 + 06 + 25000 + 000000000)^4\end{aligned}$$

101.

$$\begin{aligned}66005^2 &:= 4356660025 = (4 + 3 - 5 + 6 + 66002 - 5)^2 \\660005^2 &:= 435606600025 = (4 + 3 - 5 + 6 + 0660002 - 5)^2 \\6600005^2 &:= 43560066000025 = (4 + 3 - 5 + 6 + 006600002 - 5)^2 \\66000005^2 &:= 4356000660000025 = (4 + 3 - 5 + 6 + 00066000002 - 5)^2\end{aligned}$$

102.

$$\begin{aligned}68005^2 &:= 4624680025 = (4 + 6 + 2 - 4 + 68002 - 5)^2 \\680005^2 &:= 462406800025 = (4 + 6 + 2 - 4 + 0680002 - 5)^2 \\6800005^2 &:= 46240068000025 = (4 + 6 + 2 - 4 + 006800002 - 5)^2 \\68000005^2 &:= 4624000680000025 = (4 + 6 + 2 - 4 + 00068000002 - 5)^2\end{aligned}$$

103.

$$\begin{aligned}69005^2 &:= 4761690025 = (-4 + 7 - 6 + 1 + 69002 + 5)^2 \\690005^2 &:= 476106900025 = (-4 + 7 - 6 + 1 + 0690002 + 5)^2 \\6900005^2 &:= 47610069000025 = (-4 + 7 - 6 + 1 + 006900002 + 5)^2 \\69000005^2 &:= 4761000690000025 = (-4 + 7 - 6 + 1 + 00069000002 + 5)^2\end{aligned}$$

104.

$$\begin{aligned}70265^2 &:= 4937170225 = (49 - 3 - 7 + 1 + 70225)^2 \\700265^2 &:= 490371070225 = (49 - 03 - 7 + 1 + 700225)^2 \\7000265^2 &:= 49003710070225 = (49 - 003 - 7 + 1 + 7000225)^2 \\70000265^2 &:= 4900037100070225 = (49 - 0003 - 7 + 1 + 70000225)^2\end{aligned}$$

105.

$$\begin{aligned}71005^2 &:= 5041710025 = (5 + 04 - 1 + 71002 - 5)^2 \\710005^2 &:= 504107100025 = (5 + 04 - 1 + 0710002 - 5)^2 \\7100005^2 &:= 50410071000025 = (5 + 04 - 1 + 007100002 - 5)^2 \\71000005^2 &:= 5041000710000025 = (5 + 04 - 1 + 00071000002 - 5)^2\end{aligned}$$

106.

$$\begin{aligned}72005^2 &:= 5184720025 = (5 - 1 + 8 - 4 + 72002 - 5)^2 \\720005^2 &:= 518407200025 = (5 - 1 + 8 - 4 + 0720002 - 5)^2 \\7200005^2 &:= 51840072000025 = (5 - 1 + 8 - 4 + 007200002 - 5)^2 \\72000005^2 &:= 5184000720000025 = (5 - 1 + 8 - 4 + 00072000002 - 5)^2\end{aligned}$$

107.

$$\begin{aligned}74005^2 &:= 5476740025 = (5 + 4 - 7 + 6 + 74002 - 5)^2 \\740005^2 &:= 547607400025 = (5 + 4 - 7 + 6 + 0740002 - 5)^2 \\7400005^2 &:= 54760074000025 = (5 + 4 - 7 + 6 + 007400002 - 5)^2 \\74000005^2 &:= 5476000740000025 = (5 + 4 - 7 + 6 + 00074000002 - 5)^2\end{aligned}$$

108.

$$\begin{aligned}75005^2 &:= 5625750025 = (5 + 6 + 2 - 5 + 75002 - 5)^2 \\750005^2 &:= 562507500025 = (5 + 6 + 2 - 5 + 0750002 - 5)^2 \\7500005^2 &:= 56250075000025 = (5 + 6 + 2 - 5 + 007500002 - 5)^2 \\75000005^2 &:= 5625000750000025 = (5 + 6 + 2 - 5 + 00075000002 - 5)^2\end{aligned}$$

109.

$$\begin{aligned}78005^2 &:= 6084780025 = (-6 + 08 - 4 + 78002 + 5)^2 \\780005^2 &:= 608407800025 = (-6 + 08 - 04 + 780002 + 5)^2 \\7800005^2 &:= 60840078000025 = (-6 + 08 - 004 + 7800002 + 5)^2 \\78000005^2 &:= 6084000780000025 = (-6 + 08 - 0004 + 78000002 + 5)^2\end{aligned}$$

110.

$$\begin{aligned}79980^2 &:= 6396800400 = (-63 + 9 - 6 + 80040 + 0)^2 \\799980^2 &:= 63999680000400 = (-63 + 9 - 9 + 9 - 6 + 8000040 + 0)^2 \\79999980^2 &:= 639999968000000400 = (-63 + 99 - 99 + 9 - 6 + 800000040 + 0)^2 \\7999999980^2 &:= 6399999996800000000400 = (-63 + 999 - 999 + 9 - 6 + 80000000040 + 0)^2\end{aligned}$$

111.

$$\begin{aligned}79993^2 &:= 6398880049 = (-63 - 9 + 8 + 8 + 80049)^2 \\799993^2 &:= 6399988800049 = (-63 + 9 - 9 - 9 + 8 + 8 + 8000049)^2 \\79999993^2 &:= 63999998880000049 = (-63 + 99 - 99 - 9 + 8 + 8 + 800000049)^2 \\7999999993^2 &:= 639999999888000000049 = (-63 + 999 - 999 - 9 + 8 + 8 + 80000000049)^2\end{aligned}$$

112.

$$\begin{aligned}81005^2 &:= 6561810025 = (6 - 5 + 6 + 1 + 81002 - 5)^2 \\810005^2 &:= 656108100025 = (6 - 5 + 6 + 1 + 0810002 - 5)^2 \\8100005^2 &:= 65610081000025 = (6 - 5 + 6 + 1 + 008100002 - 5)^2 \\81000005^2 &:= 6561000810000025 = (6 - 5 + 6 + 1 + 00081000002 - 5)^2\end{aligned}$$

113.

$$\begin{aligned}85005^2 &:= 7225850025 = (7 - 2 - 2 + 5 + 85002 - 5)^2 \\850005^2 &:= 722508500025 = (7 - 2 - 2 + 5 + 850002 - 5)^2 \\8500005^2 &:= 72250085000025 = (7 - 2 - 2 + 5 + 8500002 - 5)^2 \\85000005^2 &:= 7225000850000025 = (7 - 2 - 2 + 5 + 85000002 - 5)^2\end{aligned}$$

114.

$$\begin{aligned}88005^2 &:= 7744880025 = (7 - 7 + 4 + 4 + 88002 - 5)^2 \\880005^2 &:= 774408800025 = (7 - 7 + 4 + 4 + 0880002 - 5)^2 \\8800005^2 &:= 77440088000025 = (7 - 7 + 4 + 4 + 008800002 - 5)^2 \\88000005^2 &:= 7744000880000025 = (7 - 7 + 4 + 4 + 00088000002 - 5)^2\end{aligned}$$

115.

$$\begin{aligned}92005^2 &:= 8464920025 = (-8 - 4 + 6 + 4 + 92002 + 5)^2 \\920005^2 &:= 846409200025 = (-8 - 4 + 6 + 4 + 0920002 + 5)^2 \\9200005^2 &:= 84640092000025 = (-8 - 4 + 6 + 4 + 009200002 + 5)^2 \\92000005^2 &:= 8464000920000025 = (-8 - 4 + 6 + 4 + 00092000002 + 5)^2\end{aligned}$$

116.

$$\begin{aligned}95005^2 &:= 9025950025 = (-9 + 02 + 5 + 95002 + 5)^2 \\950005^2 &:= 902509500025 = (-9 + 02 + 5 + 0950002 + 5)^2 \\9500005^2 &:= 90250095000025 = (-9 + 02 + 5 + 009500002 + 5)^2 \\95000005^2 &:= 9025000950000025 = (-9 + 02 + 5 + 00095000002 + 5)^2\end{aligned}$$

117.

$$\begin{aligned} 98^5 &:= 9039207968 = (90 + 39 - 20 - 79 + 68)^5 \\ 9998^5 &:= 99900039992000799968 = (9990 + 0039 + 9 - 9 - 20 - 0079 + 9 - 9 + 68)^5 \\ 999998^5 &:= 999990000039999920000079999968 = (999990 + 000039 + 99 - 99 - 20 - 000079 + 99 - 99 + 68)^5 \\ 9999998^5 &:= 9999999000000039999999200000007999999968 = (99999990 + 00000039 + 999 - 999 - 20 - 00000079 + 999 - 999 + 68)^5 \end{aligned}$$

118.

$$\begin{aligned} 96005^2 &:= 9216960025 = (-9 + 2 - 1 + 6 + 96002 + 5)^2 \\ 960005^2 &:= 921609600025 = (-9 + 2 - 1 + 6 + 0960002 + 5)^2 \\ 9600005^2 &:= 92160096000025 = (-9 + 2 - 1 + 6 + 009600002 + 5)^2 \\ 96000005^2 &:= 9216000960000025 = (-9 + 2 - 1 + 6 + 00096000002 + 5)^2 \end{aligned}$$

119.

$$\begin{aligned} 99^5 &:= 9509900499 = (95 + 09 - 9 + 004 + 9 - 9)^5 \\ 9999^5 &:= 99950009999000049999 = (9995 + 00099 - 99 + 00004 + 99 - 99)^5 \\ 999999^5 &:= 999995000009999990000004999999 = (999995 + 00000999 - 999 + 0000004 + 999 - 999)^5 \\ 9999999^5 &:= 999999950000000999999990000000499999999 = (99999995 + 00000009999 - 9999 + 000000004 + 9999 - 9999)^5 \end{aligned}$$

120.

$$\begin{aligned} 99005^2 &:= 9801990025 = (-9 + 8 - 01 + 99002 + 5)^2 \\ 990005^2 &:= 980109900025 = (-9 + 8 - 01 + 0990002 + 5)^2 \\ 9900005^2 &:= 98010099000025 = (-9 + 8 - 01 + 009900002 + 5)^2 \\ 99000005^2 &:= 9801000990000025 = (-9 + 8 - 01 + 00099000002 + 5)^2 \end{aligned}$$

121.

$$\begin{aligned} 99703^2 &:= 9940688209 = (99406 + 88 + 209)^2 \\ 999703^2 &:= 999406088209 = (999406 + 088 + 209)^2 \\ 9999703^2 &:= 99994060088209 = (9999406 + 0088 + 209)^2 \\ 99999703^2 &:= 9999940600088209 = (99999406 + 00088 + 209)^2 \end{aligned}$$

122.

$$\begin{aligned} 99713^2 &:= 9942682369 = (99426 - 82 + 369)^2 \\ 999713^2 &:= 999426082369 = (999426 - 082 + 369)^2 \\ 9999713^2 &:= 99994260082369 = (9999426 - 0082 + 369)^2 \\ 99999713^2 &:= 9999942600082369 = (99999426 - 00082 + 369)^2 \end{aligned}$$

123.

$$\begin{aligned}99765^2 &:= 9953055225 = (99530 + 5 + 5 + 225)^2 \\999765^2 &:= 999530055225 = (999530 + 05 + 5 + 225)^2 \\9999765^2 &:= 99995300055225 = (9999530 + 005 + 5 + 225)^2 \\99999765^2 &:= 9999953000055225 = (99999530 + 0005 + 5 + 225)^2\end{aligned}$$

124.

$$\begin{aligned}99785^2 &:= 9957046225 = (99570 - 4 - 6 + 225)^2 \\999785^2 &:= 999570046225 = (999570 - 04 - 6 + 225)^2 \\9999785^2 &:= 99995700046225 = (9999570 - 004 - 6 + 225)^2 \\99999785^2 &:= 9999957000046225 = (99999570 - 0004 - 6 + 225)^2\end{aligned}$$

125.

$$\begin{aligned}99802^2 &:= 9960439204 = (99604 + 3 - 9 + 204)^2 \\999802^2 &:= 999604039204 = (999604 + 03 - 9 + 204)^2 \\9999802^2 &:= 99996040039204 = (9999604 + 003 - 9 + 204)^2 \\99999802^2 &:= 9999960400039204 = (99999604 + 0003 - 9 + 204)^2\end{aligned}$$

126.

$$\begin{aligned}99866^2 &:= 9973217956 = (99732 - 1 + 79 + 56)^2 \\999866^2 &:= 999732017956 = (999732 - 01 + 79 + 56)^2 \\9999866^2 &:= 99997320017956 = (9999732 - 001 + 79 + 56)^2 \\99999866^2 &:= 9999973200017956 = (99999732 - 0001 + 79 + 56)^2\end{aligned}$$

127.

$$\begin{aligned}99869^2 &:= 9973817161 = (99738 - 1 + 71 + 61)^2 \\999869^2 &:= 999738017161 = (999738 - 01 + 71 + 61)^2 \\9999869^2 &:= 99997380017161 = (9999738 - 001 + 71 + 61)^2 \\99999869^2 &:= 9999973800017161 = (99999738 - 0001 + 71 + 61)^2\end{aligned}$$

128.

$$\begin{aligned}99877^2 &:= 9975415129 = (99754 - 1 - 5 + 129)^2 \\999877^2 &:= 999754015129 = (999754 - 01 - 5 + 129)^2 \\9999877^2 &:= 99997540015129 = (9999754 - 001 - 5 + 129)^2 \\99999877^2 &:= 9999975400015129 = (99999754 - 0001 - 5 + 129)^2\end{aligned}$$

129.

$$\begin{aligned}99886^2 &:= 9977212996 = (99772 + 129 - 9 - 6)^2 \\999886^2 &:= 999772012996 = (999772 + 0129 - 9 - 6)^2 \\9999886^2 &:= 99997720012996 = (9999772 + 00129 - 9 - 6)^2 \\99999886^2 &:= 9999977200012996 = (99999772 + 000129 - 9 - 6)^2\end{aligned}$$

130.

$$\begin{aligned}99891^2 &:= 9978211881 = (99782 + 118 - 8 - 1)^2 \\999891^2 &:= 999782011881 = (999782 + 0118 - 8 - 1)^2 \\9999891^2 &:= 99997820011881 = (9999782 + 00118 - 8 - 1)^2 \\99999891^2 &:= 9999978200011881 = (99999782 + 000118 - 8 - 1)^2\end{aligned}$$

131.

$$\begin{aligned}99899^2 &:= 9979810201 = (99798 + 102 - 01)^2 \\999899^2 &:= 999798010201 = (999798 + 0102 - 01)^2 \\9999899^2 &:= 99997980010201 = (9999798 + 00102 - 01)^2 \\99999899^2 &:= 9999979800010201 = (99999798 + 000102 - 01)^2\end{aligned}$$

132.

$$\begin{aligned}99900^2 &:= 9980010000 = (99800 + 100 + 00)^2 \\999000^2 &:= 999800010000 = (999800 + 0100 + 00)^2 \\9990000^2 &:= 99998000010000 = (9999800 + 00100 + 00)^2 \\99900000^2 &:= 9999980000010000 = (99999800 + 000100 + 00)^2\end{aligned}$$

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